

Role Description

Associate Engineer – DevOps

Role Description Fields	Details
Cluster	NSW Health
Agency	eHealth NSW
Award	Health Managers (State) Award
Classification/Grade	Health Manager Level 2
Employment Status	<permanent/temporary – full time/part time>
Location	Chatswood or St Leonards
Directorate/Business Unit	
Reports to	<manager's position title>
Roles reporting to	<subordinates' position title>
Position Number (StaffLink)	<Enter information>
Date of Approval	<workforce version control>
Agency website	www.ehealth.nsw.gov.au

Primary Purpose of the role

The Associate Engineer role is responsible for assisting build, operation and running of products or platforms in alignment to relevant roadmaps as guided by senior delivery staff.

About eHealth NSW

eHealth NSW is responsible for the delivery of digital solutions for clinical care and business services across NSW Health. We support a digitally enabled and integrated health system that delivers quality patient-centred health experiences and outcomes to the people of NSW.

Customers' and consumers see eHealth NSW as an organisation with customer centric values, behaviours and capabilities. We work together to build trust and engage with our customers and share up-to-date understanding of their business needs. We deliver consistent, reliable and easy-to-use products and services that meet our customers' needs. We share customer feedback and data and use the insights to continually improve our customers' experience.

Key accountabilities

- Contributes towards the implementation of roadmap deliverables working with senior engineers to escalate risks to ensure deliverables meet their agreed acceptance criteria.
- Contribute to development ceremonies, to breakdown, document and implement user stories or tasks using appropriate methodologies, guiding principles and tools that create clarity and transparency

surrounding all deliverables including assisting with developing supporting technical and non-technical documentation.

- Conduct engineering investigations, that assist with the migration, transformation or implementation of technology solutions, services and components roadmaps.
- Documents and reviews product designs to assist in identifying risks, dependencies when planning development activities
- Develops code in accordance to testing standards, that ensures all code remains secure, functional, supportable and accessible
- Perform operational activities that provide assurance surrounding system security, resiliency, stability and availability, escalating risks where necessary to senior staff for further investigation.
- Research emerging trends and technologies, contributing to developing learning materials for their relevant Capability Area Group.

Key challenges

- Establish collaborative and influential relationships with stakeholders, customers and colleagues, to ensure easy and effective achievement of team / project / business goals.
- Effectively balance competing demands.
- Contribute to creating and maintaining a constructive workplace culture.

Key relationships

Internal

Who	Why
Delivery Manager	<ul style="list-style-type: none"> • Escalate issues, keep informed, advise and receive instructions • Provide regular updates on strategic deliverables, issues and priorities
Capability Manager	<ul style="list-style-type: none"> • Capability related learning and alignment • Workforce and employment relations management
Work Teams	<ul style="list-style-type: none"> • Share knowledge and deliver roadmaps • Resolve escalated technical issues

Role dimensions

Number of Direct reports

Nil

Number of Indirect reports

Nil

Budget (\$)

Nil

Financial Delegation

As per eHealth NSW Delegations Manual

Management Reporting

Line Manager	TBC
Delivery Management Support	TBC
Capability Management Support	Capability Manager

Essential requirements

- Experience in the build and operations of applications or infrastructure, including relevant qualifications or the equivalent.
- Knowledge of modern ICT Delivery and Operational practices (DevOps), including associated operating methodologies (such as Agile).

Capabilities for the role

The [NSW public sector capability framework](#) describes the capabilities (knowledge, skills and abilities) needed to perform a role. There are four main groups of capabilities: personal attributes, relationships, results and business enablers, with a fifth people management group of capabilities for roles with managerial responsibilities. These groups, combined with capabilities drawn from occupation-specific capability sets where relevant, work together to provide an understanding of the capabilities needed for the role.

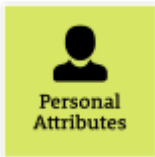
The capabilities are separated into focus capabilities and complementary capabilities.

Focus capabilities

Focus capabilities are the capabilities considered the most important for effective performance of the role. These capabilities will be assessed at recruitment.

The focus capabilities for this role are shown below with a brief explanation of what each capability covers and the indicators describing the types of behaviours expected at each level.

Focus capabilities

Capability group/sets	Capability name	Behavioural indicators	Level
 Personal Attributes	Display Resilience and Courage Be open and honest, prepared to express your views, and willing to accept and commit to change	<ul style="list-style-type: none"> • Be flexible and adaptable and respond quickly when situations change • Offer own opinion and raise challenging issues • Listen when ideas are challenged and respond appropriately • Work through challenges • Remain calm and focused in challenging situation 	Intermediate

 Personal Attributes	Act with Integrity Be ethical and professional and uphold and promote the public sector values	<ul style="list-style-type: none"> • Represent the organisation in an honest, ethical and professional way • Support a culture of integrity and professionalism • Understand and help others to recognise their obligations to comply with legislation, policies, guidelines and codes of conduct • Recognise and report misconduct and illegal and inappropriate behaviour • Report and manage apparent conflicts of interest and encourage others to do so 	Intermediate
 Relationships	Commit to Customer Service Provide customer-focused services in line with public sector and organisational objectives	<ul style="list-style-type: none"> • Focus on providing a positive customer experience • Support a customer-focused culture in the organisation • Demonstrate a thorough knowledge of the services provided and relay this knowledge to customers • Identify and respond quickly to customer needs • Consider customer service requirements and develop solutions to meet needs • Resolve complex customer issues and needs • Cooperate across work areas to improve outcomes for customers 	Intermediate
 Relationships	Work Collaboratively Collaborate with others and value their contribution	<ul style="list-style-type: none"> • Build a supportive and cooperative team environment • Share information and learning across teams • Acknowledge outcomes that were achieved by effective collaboration • Engage other teams and units to share information and jointly solve issues and problems • Support others in challenging situations • Use collaboration tools, including digital technologies, to work with others 	Intermediate
 Results	Deliver Results Achieve results through the efficient use of resources and a commitment to quality outcomes	<ul style="list-style-type: none"> • Seek and apply specialist advice when required • Complete work tasks within set budgets, timeframes and standards • Take the initiative to progress and deliver own work and that of the team or unit • Contribute to allocating responsibilities and resources to ensure the team or unit achieves goals • Identify any barriers to achieving results and resolve these where possible • Proactively change or adjust plans when needed 	Intermediate

**Think and Solve Problems**

Think, analyse and consider the broader context to develop practical solutions

- Identify the facts and type of data needed to understand a problem or explore an opportunity
- Research and analyse information to make recommendations based on relevant evidence
- Identify issues that may hinder the completion of tasks and find appropriate solutions
- Be willing to seek input from others and share own ideas to achieve best outcomes
- Generate ideas and identify ways to improve systems and processes to meet user needs

Intermediate

**Technology**

Understand and use available technologies to maximise efficiencies and effectiveness

- Demonstrate a sound understanding of technology relevant to the work unit, and identify and select the most appropriate technology for assigned tasks
- Use available technology to improve individual performance and effectiveness
- Make effective use of records, information and knowledge management functions and systems
- Support the implementation of systems improvement initiatives, and the introduction and roll-out of new technologies

Intermediate


**Project Management**





Understand and apply effective project planning, coordination and control methods







- Perform basic research and analysis to inform and support the achievement of project deliverables
- Contribute to developing project documentation and resource estimates
- Contribute to reviews of progress, outcomes and future improvements
- Identify and escalate possible variances from project plan

Intermediate

Occupation specific capability set

Capability group/sets	Capability name	Description	Level
 SFIA	Development and Implementation, Systems Development <i>Programming/Software Development</i>	Designs, codes, verifies, tests, documents, amends and refactors moderately complex programs/ scripts. Applies agreed standards and tools, to achieve a well-engineered result. Collaborates in reviews of work with others as appropriate	Level 3 - PROG


	Change and Transformation, Business Change Management <i>Requirements, Definition and Management</i>	<p>Defines and manages scoping, requirements definition and prioritisation activities for small-scale changes and assists with more complex change initiatives. Follows agreed standards, applying appropriate techniques to elicit and document detailed requirements. Provides constructive challenge to stakeholders as required. Prioritises requirements and documents traceability to source. Reviews requirements for errors and omissions. Provides input to the requirements baseline. Investigates, manages and applies authorised requests for changes to base-lined requirements, in line with change management policy.</p>	Level 3 – REQM
	Delivery and Operation, Service Transition <i>Configuration Management</i>	<p>Proposes and agrees the configuration items (CIs) to be uniquely identified with naming conventions. Ensures that operational processes are in place to maintain secure configuration, consistent classification and management of CIs, and for the verification and audit of configuration records. Develops, configures and maintains tools (including automation) to identify, track, log and maintain accurate, complete and current information. Reports on the status of configuration management. Identifies problems and issues and recommend corrective actions.</p>	Level 4 – CFMG
	Development and Implementation, Systems Development. <i>Testing</i>	<p>Reviews requirements and specifications, and defines test conditions. Designs test cases and test scripts under own direction, mapping back to pre-determined criteria, recording and reporting outcomes. Analyses and reports test activities and results. Identifies and reports issues and risks associated with own work.</p>	Level 3 – TEST
	Development and Implementation, Installation and Integration. <i>System Integration and Build</i>	<p>Provides technical expertise to enable the configuration of software, other system components and equipment for systems testing. Collaborates with technical teams to develop and agree system integration plans and report on progress. Defines complex/new integration builds. Ensures that integration test environments are correctly configured. Designs, performs and reports results of tests of the integration build. Identifies and documents system integration components for recording in the configuration management system. Recommends and implements improvements to processes and tools.</p>	Level 4 – SINT









	Delivery and Operation, Service Operation. <i>Incident Management</i>	Following agreed procedures, identifies, registers and categorises incidents. Gathers information to enable incident resolution and promptly allocates incidents as appropriate. Maintains records and advises relevant persons of actions taken.	Level 3 – USUP
	Delivery and Operation, Service Transition. <i>Change Management</i>	Develops, documents and implements changes based on requests for change. Applies change control procedures.	Level 3 – CHMG
	Delivery and Operation, Service Transition. <i>Release and Deployment</i>	Uses the tools and techniques for specific areas of release and deployment activities. Administers the recording of activities, logging of results and documents technical activity undertaken. May carry out early life support activities such as providing support advice to initial users.	Level 3 – RELM
	Delivery and Operation, Service Operation <i>IT Infrastructure</i>	Carries out agreed operational procedures, including infrastructure configuration, installation and maintenance. Uses infrastructure management tools to collect and report on load and performance statistics and to automate the provisioning, testing and deployment of new and changed infrastructure. Contributes to the implementation of maintenance and installation work. Uses standard procedures and tools to carry out defined system backups, restoring data where necessary. Identifies operational problems and contributes to their resolution.	Level 3 – ITOP
	Delivery and Operation, Service Operation. <i>Problem Management</i>	Investigates problems in systems, processes and services. Assists with the implementation of agreed remedies and preventative measures.	Level 3 – PBMG
	Delivery and Operation, Service Design <i>Service Level Management</i>	Monitors service delivery performance metrics and liaises with managers and customers to ensure that service level agreements are not breached without the stakeholders being given the opportunity of planning for a deterioration in service.	Level 4 – SLMO

Complementary capabilities

Complementary capabilities are also identified from the Capability Framework and relevant occupation-specific capability sets. They are important to identifying performance required for the role and development opportunities.

Note: capabilities listed as 'not essential' for this role are not relevant for recruitment purposes however may be relevant for future career development.

Capability group/sets	Capability name	Description	Level
	Act with Integrity	Be ethical and professional, and uphold and promote the public sector values	Intermediate

	Manage Self	Show drive and motivation, an ability to self-reflect and a commitment to learning	Foundational
	Value Diversity and Inclusion	Demonstrate inclusive behaviour and show respect for diverse backgrounds, experiences and perspectives	Intermediate
	Communicate Effectively	Communicate clearly, actively listen to others, and respond with understanding and respect	Intermediate
	Influence and Negotiate	Gain consensus and commitment from others, and resolve issues and conflicts	Foundational
	Plan and Prioritise	Plan to achieve priority outcomes and respond flexibly to changing circumstances	Intermediate
	Demonstrate Accountability	Be proactive and responsible for own actions, and adhere to legislation, policy and guidelines	Intermediate
	Finance	Understand and apply financial processes to achieve value for money and minimise financial risk	Foundational
	Procurement and Contract Management	Understand and apply procurement processes to ensure effective purchasing and contract performance	Foundational

Other Specific Requirements

The role and responsibilities are to be carried out in a manner that is consistent with delegations, policies, procedures and operations systems of the NSW Health Organisation. The following specific requirements should be noted:

COVID-19 Vaccination Compliancy

All NSW Health workers are required to have completed a primary course of a COVID-19 vaccine which has been approved or recognised by the Therapeutics Goods Administration (TGA). Additionally, Category A workers are required to receive a booster dose three months after completing the primary course of COVID-19 vaccinations. New applicants must have completed the vaccination course prior to commencement with NSW Health, or provide an approved medical contraindication certificate (IM011 immunisation medical exemption form) certifying the worker cannot have any approved COVID-19 vaccines available in NSW. Acceptable proof of vaccination is the Australian Immunisation Register (AIR) Immunisation History Statement or AIR COVID-19 Digital Certificate. Booster doses are highly recommended for all health care workers who have completed the primary course of COVID-19 vaccinations. For Category A applicants, if dose 3 is not yet due they can sign the undertaking form to confirm they will receive the vaccine within 6 weeks of the dose due date.

Respirator Use

NSW Health workers may be required to use a respirator, as part of their appointment with NSW Health. Where a respirator is required for use, workers will be instructed in their safe use; including donning, doffing

and fit checking. Staff may be required to complete fit testing to selected respirator/s to assess their facial fit/seal. At all times when a health worker is required to use a respirator, the health worker must not have any facial hair present. Processes are in place to support workers that need to keep facial hair due to religious observance requirements and/ or health conditions.

Culture

Contribute to a constructive workplace culture and a safe workplace. Model the organisation's CORE values and ensure all workplace conduct is consistent with the behaviours associated with those values and the NSW Health Code of Conduct.

Finance and Resources

Manage allocated finance and resources efficiently and effectively in accordance with the eHealth NSW Delegations Manual (and supporting corporate policies and documentation). This may include, but not be limited to, management of an allocated budget, assets and stores, corporate records, intellectual property and personnel records and include the correct retention of data and records.

Fraud and Corruption

Ensure there are effective and sustained controls to prevent, detect and respond to fraud and corruption.

Performance Appraisal

Employees and managers should regularly check-in with each other, providing feedback to each other. All new staff should have an initial performance assessment within three (3) months following commencement of employment. At least every twelve (12) months, a performance appraisal should be undertaken.

Risk Management

Undertake business unit risk planning and risk assessments, ensuring competence in risk management and assessment. Understand and abide by the organisation's risk policies, maintaining an understanding of the operational and risk management context, managing risk accordingly.

Rostering Management

Ensure data quality, integrity, policy and Award compliance is maintained in day to day rostering.

Work Health and Safety

Workers have a duty of care to ensure everyone is safe at work. Leaders must be safety aware and ensure that a culture of safe behaviour is well understood and strongly embedded in their teams. Everyone must Think Safe, Work Safe and Live Safe and follow our guide to safety excellence. This includes taking reasonable care for your own safety and the safety of others, participating with consultation arrangements, and working and behaving safely in accordance with safety instructions, the behavioural expectations of the workplace and work health and safety legislation, policies and procedures.

Workplace Diversity

Support the organisations workplace diversity goals and policies.

Training

Comply with and participate in the organisation's training programs and policies, maintaining currency of all mandatory training.

Employee Agreement

I have read the Position description and understand its contents, am fit and able to perform the duties outlined in the Job Demands Checklist and agree to work in accordance with the requirements of the position.

Signatories	Name	Signature	Date
Employee			
Manager / Supervisor			

Job Demands Checklist

The purpose of this checklist is to manage the risk associated with the position in relation to the incumbent. It may be used to provide information about the position to a Health Professional required to perform a pre-employment medical assessment. Identification of possible risk can also assist with the development of a training plan for the incumbent to ensure the risks are minimised.

Each position should be assessed at the site as to the incumbent's (or future incumbent's) OHS responsibilities specific to the position. This form is to be completed in consultation with the manager/supervisor of the position being recruited for.

Job Demands Frequency Key:

I = Infrequent	intermittent activity exists for a short time on a very infrequent basis
O = Occasional	activity exists up to 1/3 of the time when performing the job
F = Frequent	activity exists between 1/3 and 2/3 of the time when performing the job
C = Constant	activity exists for more than 2/3 or the time when performing the job
R = Repetitive	activity involved repetitive movements
N = Not Applicable	activity is not required to perform the job

Note: any entries not assigned a value will be automatically set to "N"

PHYSICAL DEMANDS - Description (comment)	FREQUENCY					
	I	O	F	C	R	N
Sitting – remaining in a seated position to perform tasks				X		
Standing – remaining standing without moving about to perform tasks			X			
Walking – floor type: even/uneven/slippy, indoors/outdoors, slopes			X			
Running – floor type: even/uneven/slippy, indoors/outdoors, slopes						X
Bend/Lean Forward from Waist – forward bending from the waist to perform tasks	X					
Trunk Twisting – turning from the waist while sitting or standing to perform tasks	X					
Kneeling – remaining in a kneeling posture to perform tasks	X					
Squatting/Crouching – adopting a squatting or crouching posture to perform tasks	X					
Leg/Foot Movement – use of leg and/or foot to operate machinery						X
Climbing (stairs/ladders) – ascend/descend stairs, ladders, steps		X				
Lifting/Carrying – light lifting and carrying (0 to 9 kg)		X				
Lifting/Carrying – moderate lifting and carrying (10 to 15 kg)	X					

Lifting/Carrying – heavy lifting and carrying (16kg and above)						X
Reaching – arms fully extended forward or raised above shoulder	X					
Pushing/Pulling/Restraining – using force to hold/restrain or move objects toward or away from the body	X					
Head/Neck Postures – holding head in a position other than neutral (facing forward)	X					
Hand and Arm Movements – repetitive movements of hands and arms					X	
Grasping/Fine Manipulation – gripping, holding, clasping with fingers or hands			X			
Work at Heights – using ladders, footstools, scaffolding, or other objects to perform work						X
Driving/Riding – controlling the operation of a vehicle (e.g. car, truck, bus, motorcycle, bicycle)			X			
SENSORY DEMANDS - Description (comment)						
	I	O	F	C	R	N
Sight – use of sight is an integral part of work performance (e.g. viewing of X-Rays, computer screens)				X		
Hearing – use of hearing is an integral part of work performance (e.g. phone enquiries)				X		
Smell – use of smell is an integral part of work performance (e.g. working with chemicals)						X
Taste – use of taste is an integral part of work performance (e.g. food preparation)						X
Touch – use of touch is an integral part of work performance						X
PSYCHOSOCIAL DEMANDS - Description (comment)						
	FREQUENCY					
Distressed People – e.g. emergency or grief situations	X					
Aggressive and Uncooperative People – e.g. drug/alcohol, dementia, mental illness	X					
Unpredictable People – e.g. dementia, mental illness, head injuries						X
Restraining – involvement in physical containment of patients/clients						X
Exposure to Distressing Situations – e.g. child abuse, viewing dead/mutilated bodies						X
ENVIRONMENTAL DEMANDS - Description (comment)						
	FREQUENCY					
Dust – exposure to atmospheric dust	X					
Gases – working with explosive or flammable gases requiring precautionary measures						X
Fumes – exposure to noxious or toxic fumes						X
Liquids – working with corrosive, toxic or poisonous liquids or chemicals requiring personal protective equipment (PPE)						X
Hazardous Substances – e.g. dry chemicals, glues	X					
Noise – environmental/background noise necessitates people raise their voice to be heard						X
Inadequate Lighting – risk of trips, falls or eyestrain	X					
Sunlight – risk of sunburn exists from spending more than 10 minutes per day in sunlight		X				
Extreme Temperatures – environmental temperatures are less than 15°C or more than 35°C	X					
Confined Spaces – areas where only one egress (escape route) exists						X
Slippery or Uneven Surfaces - greasy or wet floor surfaces, ramps, uneven ground	X					
Inadequate Housekeeping - obstructions to walkways and work areas cause trips and falls	X					
Working At Heights – ladders/stepladders/scaffolding are required to perform tasks						X
Biological Hazards – exposure to body fluids, bacteria, infectious diseases						X