

Role Description

General information

Title:	Software Developer	Classification:	ASO5
Division:	Corporate Services	Branch:	ICT
Business Unit:	ICT Product Development		
Type of Appointment:	Term	Hours of Duty:	37.5
Location:	11 Waymouth St, Adelaide		

About Us

South Australia is internationally recognised for the quality of its agriculture, food, and wine. Our regions are the backbone of our state and the economic powerhouse that drives prosperity for all South Australians.

The Department of Primary Industries and Regions (PIRSA) is a key economic development agency working in partnership with our primary industries, regional stakeholders and across all levels of government to advance the prosperity and sustainability of South Australia's primary industries and regional communities.

We are a passionate team of around 800 people working across metropolitan and regional South Australia to develop and protect our state's regions and food, wine, aquaculture, fisheries, forestry, grains, livestock, dairy and horticulture industries.

Purpose

The primary purpose of the role is to provide software development services within PIRSA's application environment, including accountability of small projects, maintenance and enhancements to various applications and contributing to the development of larger projects. This role supports the full application lifecycle including analysis, design, build, testing and implementation.

The role contributes to delivering the agency's [priorities](#) including organisational performance as a modern, flexible and responsive organization.

The role contributes to delivering an efficient, reliable and secure ICT environment that supports PIRSA in delivering services to its customers and takes advantage of new technologies to enable improvements in the way the agency operates.

Key Accountabilities

- Ensuring developed IT solutions comply with PIRSA's Information Technology policies, procedures, standards and security practices by maintaining awareness of architecture standards and taking corrective action as required.
- Overseeing all stages of the technical software development process to ensure compliance with application development standards and achievement of documented requirements.
- Provide technical expertise in the requirements analysis phase to improve the quality and reduce operational risk of the developed application.
- Analyse and make recommendations on the most expedient course of action to rectify technical and operational issues.
- Ensuring all work performed meets agreed timeframes and budget and project process is monitored and any issues experienced are raised, reported and resolved in a timely manner.
- Contribute to all stages of the software development process including designing, coding, reviewing, testing, correcting and documenting complex system components from supplied specifications or requirements using agreed standards and tools to achieve a well-engineered result.

Key Deliverables / Results

- Timely resolution of issues and problems along with continually identifying ways to provide more responsive solutions to address the needs of the business.
- A responsive and pro-active level of customer service is provided to enable PIRSA business groups to effectively use IT services to meet their business needs.
- All work performed complies with existing group standards and source code, project documents and other information is easily located and available to other members of the team.
- Agreed and accepted project outcomes are identified and defined in consultation with stakeholders prior to commencement of projects.
- Keeping abreast of the changing solution environment in order to provide sound information and advice.
- Produces accurate technical documentation for development solutions ensuring compliance with PIRSA's enterprise architecture.
- Undertakes unit testing of developed solutions.

Role Description

Relationships

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| <ul style="list-style-type: none"> • Role reports to Lead Software Engineer in the ICT Product Development team. • Works closely with other members of ICT, including other Software Developers, Product Support Specialists, ICT Product Development delivery teams, Quality Assurance, ICT Operations, Cyber Specialists, Architects, and external vendors/service providers. | <ul style="list-style-type: none"> • Works closely with internal PIRSA customers associated with ICT projects or support and maintenance activities. • Takes direction from Project Manager where relevant when assigned to IT projects. |
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Requirements

- Australian residency or current works permit is required (responsibility of applicant to provide evidence of a current work permit).
- You acknowledge your work, health and safety obligations and our expectations when applying for a role.
- The incumbent will be required to undertake emergency management training and must be willing to participate in emergency preparedness, response and recovery activities required by government agencies.

Qualifications

- Essential: Nil
- Desirable: An appropriate qualification in information systems, computer science or information technology, or certified IT skills qualification from a recognized organization; or extensive industry experience.

Capabilities

Capability	Behaviours
<p>Professional & Technical Knowledge</p> <p>Demonstrates solid, practical knowledge of modern software engineering, enterprise application design, and ICT technologies, applying this capability to deliver reliable solutions and contribute effectively to team outcomes.</p>	<ul style="list-style-type: none"> • Demonstrates proficiency in object-oriented programming and software engineering practices, including modern Java, current Spring Boot version, microservices, .NET C#, TypeScript, JavaScript, HTML5, SCSS, Angular, and related enterprise development technologies. • Designs and implements database solutions (Oracle and SQL Server) and develops efficient, well-structured SQL queries. • Develops and integrates web and RESTful services, using appropriate synchronous and asynchronous patterns. • Follows current software engineering best practice, including version control (Git), continuous integration and delivery using Azure DevOps pipelines, and comprehensive testing using automated unit tests and manual testing techniques. • Contributes to front-end application design, applying user-centred principles to improve usability and accessibility. • Adheres to defined secure coding standards and other cyber security policies, standards, and guidelines.
<p>Capability – Programming / Software Development (PROG Level 3)</p>	<ul style="list-style-type: none"> • Designs, codes, verifies, tests, documents, amends and refactors moderately complex programs / scripts. • Applies agreed standards and tools to achieve a well-engineered result. • Monitors and reports on progress. Identifies issues related to software development activities. Proposes practical solutions to resolve issues. • Collaborates in reviews of work with others as appropriate.
<p>Capability – Problem Management (PBMG Level 4)</p>	<ul style="list-style-type: none"> • Initiates and monitors actions to investigate and resolve problems in systems, processes and services. • Determines problem fixes and remedies. • Collaborates with others to implement agreed remedies and preventative measures. • Supports analysis of patterns and trends to improve problem management processes.

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Capability – Testing (TEST Level 3)	<ul style="list-style-type: none"> • Designs test cases and test scripts under own direction, mapping back to pre-determined criteria, recording and reporting test outcomes. • Participates in requirement, design and specification reviews and uses this information to design test plans and test conditions. • Applies agreed standards to specify and perform manual and automated testing. Automates testing tasks and builds test coverage through existing or new infrastructure.
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HRMS No:		ANZCO Code:		Objective ID:	
Delegate Approval:	Stuart Watt, Chief Information Officer			Date:	18/05/2026
Approved and Classified by People and Culture:	Senior HR Business Partner – A7511803				