



Role Statement

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| Position title: | Junior Software Developer | Position no: | P |
| Classification: | ASO5 | Review date: | March 2026 |
| Directorate: | Planning and Building | | |
| Business unit: | PlanSA | | |

About us

Our department's primary objective is the delivery of homes and housing options for South Australians. In response to the national housing crisis, we are committed to accelerating the build of a diverse range of housing options. We strive to find solutions to the urgent demand for housing security.

Our mission focuses on coordinating various portfolios related to housing, housing infrastructure, urban development, and planning. By ensuring sound decisions and efficient management, we strive to create sustainable, well-planned communities offering safe and affordable housing options.

Planning and Building, a business unit of the Department for Housing and Urban Development, is an innovative and impactful team of land and built environment professionals that manage the planning and land use systems and policy tools for the state. This includes strategic planning, growth management, design and land use services – all with a focus on creating more vibrant, diverse and engaging places for our communities to thrive.

Join us in our endeavour to address one of the most pressing challenges of our time and make a tangible difference in the lives of our community.

OUR VALUES: Professionalism | Service | Respect | Courage and Tenacity | Collaboration and engagement | Trust | Sustainability | Honesty and Integrity |

About this role

The Junior Software Developer is a member of the PlanSA Application Delivery and support team and is accountable to the Team Leader – Application Development, Plan SA.

As a Junior Software Developer, you will undertake a variety of activities including but not limited to:

- Analyse, design, develop, unit test, and deploy enhancements and fixes to the PlanSA systems.
- Collaborate with business analysts to understand the business needs and ensuring the solutions meet those needs.
- Collaborate with test analysts to ensure quality solutions are delivered.
- Provide ongoing support to the PlanSA systems.

The ideal candidate will have strong problem-solving skills, an interest in learning, experience in automation platform configuration, and the ability to write code when required for more complex customisations. The PlanSA system comprises of multiple sub-systems including:

- Development Application Processing System (DAP)
- Plan SA Portal
- Planning Information Exchange
- Online Planning & Design Code
- Online Consultation
- Document Management System
- Operational Data Store

Who will you work with

- Reports to the Team Leader – Application Development, PlanSA
- Internal and External Stakeholders
- Team members from PlanSA directorate
- PlanSA Leadership Team
- DHUD and other SA Government agencies

Conditions

- Some out of hours' work may be required.
- Some intra state, international and interstate travel may be required.
- Required to maintain a safe working environment by adopting appropriate hazard management practices consistent with the role.

- Compliance with Government legislation, Code of Ethics for the SA Public Sector, Departmental policies and procedures, including information management, WHS and injury management, risk management, and the access / equity / diversity strategies of the public sector.
- Required to obtain a National Police Check prior to employment. A renewal will be required every 3 years.
- As part of the ordinary hours of work, you may be regularly rostered to work outside the span of 8am to 6pm Monday to Friday inclusive

What you will do

Key responsibilities

Develop enhancements and fixes for PlanSA systems

Specified duties

- Develop, and deliver PlanSA IT solution enhancements, adhering to industry best practice ICT processes, quality standards, and design direction from Senior developers.
- Analyse, advise on and undertake system development activities to implement Plan SA system requirements. This includes developing consistent code, planning and developing new functionality and upgrading and debugging existing functionality.
- Collaborate with business analysts to refine requirements and with test analysts to deliver quality solutions.
- Adhere to the Plan SA Architecture framework and principles including SA government ICT Compliance requirements.
- Conduct thorough unit testing to detect and remediate errors and/or omissions.
- Create and maintain Plan SA technical documentation.

Performance indicator/ measurement

- Delivery of IT systems/solution components ensuring deadlines and quality standards are met, and system stability is maintained.

Support the PlanSA systems

- Identify and provide recommendations for enhancements, performance improvements, and system stability.
- Investigate, resolve and report on Plan SA IT Systems related incidents in a timely and efficient manner.
- Maintain error logs in coordination with IT support and service desk teams and maintain resolution reports.

- Technical issues are dealt with in a timely manner.
- System downtime is minimised.

Contribute to Culture

- Actively participate and contribute to responsible and safe work practices.
- Embrace diversity and cultural differences in the workplace.

- Work practices are safe and Work Health and Safety legislation, policies and procedures are adhered.
- Respectful behaviour observed when faced with diversity/differences in opinion.

The capabilities you will bring

Technical knowledge and experience

- Experience with low-code/no-code tools and process automation such as Appian or similar.
- Experience with REST API integration and development.
- Experience with SQL databases (MySQL, PostgreSQL preferred).
- Experience working with Agile or hybrid project including working in release readiness process.
- Experience with Atlassian Bitbucket, Confluence and JIRA.
- Knowledge of Data mapping and transformation between systems.
- Knowledge of Git/GitHub for version control.
- Understanding of automation best practices, monitoring, and error handling.
- Knowledge of cloud computing including Amazon Web Services (AWS) and Azure Cloud Services.
- Well-developed, applied knowledge of System Development and support Methodologies (SDLC, Agile Development and ITIL).
- Sound understanding of development best practices, including CI/CD.
- Experience with and knowledge of the PlanSA systems (Desirable).

Personal abilities

- Tertiary qualifications in Computer Science, Engineering or equivalent (Desirable).
- Knowledge and/or experience in SA Government Cyber Security Framework (SACSF) or similar frameworks (Desirable).
- Strong analytical and problem-solving mindset.
- Ability to translate business needs into efficient technical solutions.
- Clear communication with technical and non-technical teams.
- Ability to prioritise and manage multiple projects.
- Continuous learning mindset and adaptability to new platforms.
- Demonstrated stringent attention to detail, flexibility and versatility of approach in dealing with changing work requirements, new information and procedures.
- Demonstrated ability to work under limited direction, exercise sound judgement in identifying and selecting appropriate approaches and managing time and priorities to meet objectives.