

Full Stack Data Engineer

Position Description

Reporting to:	Technical Data Lead	Work location:	Negotiable, ideally Melbourne, in office twice a week
Department:	Technology	Budget holder:	No
Team:	Data	Direct reports:	Nil

Here you'll make a difference

At Save the Children Australia, we attract bright and big-hearted people who are inspired to make a difference. Together, we are fearless in our pursuit of making lasting change for the children and communities who need it most.

This role is responsible for designing, building, and maintaining robust, metadata-driven data pipelines and analytics-ready data environments that support Save the Children Australia's operational and programmatic needs across Australia and the Pacific. The Full Stack Data Engineer brings strong software engineering practices into the data space, ensuring scalable, maintainable, and secure data solutions.

The role demands hands-on experience across the entire data lifecycle—from ingestion and modelling to transformation and visualisation—combined with a collaborative approach to working with stakeholders across the organization. Proficiency in coding (particularly Python and SQL), strong data modelling capabilities, and a commitment to continuous learning of new tools and techniques are essential.

Here your skills will be valued

Role requirements

- Design and implement metadata-driven, idempotent data pipelines that are scalable, maintainable, and cost-effective.
- Apply software engineering best practices—including version control (Git), testing, and CI/CD—to data workflows and environments.
- Collaborate with business stakeholders to gather requirements and define robust data models.
- Develop and optimise semantic models to support analytics and reporting.
- Champion data security, compliance, and governance by driving systematic improvements and implementing effective controls.
- Contribute to the evolution of the data platform and its capabilities to meet future business needs.
- Enable advanced analytics and AI readiness through well-structured, high-quality data foundations.
- Promote DataOps principles to enhance agility, automation, and reliability in data delivery.
- Support the development of operational systems and their integrations by contributing to database design and integration architecture.

Health, safety, security and risk management

- Be a role model for safety and security and comply with all workplace safety policy, procedure, work instructions and training
- Act safely at all times
- Report all incidents, injuries and potential hazards in a timely manner
- Participate in, and contribute to, health and safety awareness and improvements
- Be aware of, document and manage the risks associated with your team's programs and workplaces and ensure appropriate elimination or mitigation measures are applied

Child protection and safeguarding requirements

- Maintain a child safe environment at the workplace and safeguard children's rights, acting in the best interests of children at all times
- Comply with the [Child Safeguarding Policy](#) & [Code of Conduct](#)
- Demonstrate the highest standards of behaviour towards children in both your private and professional life
- Never abuse the position of trust that comes with being a part of the Save the Children family
- Maintain a safe and positive relationship at all times when working with children and young people
- Respond to any concerns for the safety or wellbeing of a child in a program in accordance with internal reporting processes

All roles at Save the Children contribute to our impact for children.

At Save the Children, every role, whether in our programs or support services, plays a vital part in our impact for children. We are committed to creating a positive impact on the lives of children and their communities, and we value the contributions of every team member in achieving this vision.

Here you'll belong

It takes all types of people to do the challenging work we do. Here are some of the specific skills and experiences you'll bring in this role:

Essential knowledge or experience

- Proficiency in Python and SQL, with experience building efficient, maintainable data pipelines.
- Solid understanding of data modelling principles and best practices.
- Experience designing and orchestrating metadata-driven pipelines for scalability and automation.
- Familiarity with Power BI and a willingness to support reporting and visualization needs.
- Experience with Git and applying software engineering practices to data workflows.
- Strong analytical thinking and stakeholder engagement skills, with the ability to communicate complex technical concepts in clear, accessible business language.

Desirable knowledge or experience

- Experience with dbt for data transformation and modelling.
- Familiarity with Microsoft Fabric or similar modern data platforms.
- Understanding of lakehouse architecture and delta tables.
- Exposure to DataOps practices and automation techniques.
- Experience designing and maintaining data integrations across systems.
- Interest or experience in data science, predictive analytics, or AI.

Additional Information

- Any offer of employment at Save the Children Australia will be subject to a satisfactory National Police Record Check and a Working with Children Check
- Employees must sign on to Save the Children Australia's Child Safeguarding Policy and Code of Conduct
- Ongoing performance and employment will be measured against KPIs, values and demonstrated behaviours outlined above
- Save the Children Australia is an Equal Opportunity Employer

Driver's Licence: Not required **Travel:** Not required

Working with Children Check: Required **Assets:** Laptop