

JOB DESCRIPTION

JOB TITLE:	Data Engineer
REPORTS TO:	Data and Cognitive Delivery Practice Lead
LOCATION:	Wellington

Job scope

This role represents an exciting opportunity to provide technical data engineering expertise for Solnet's clients and our technical delivery teams.

As a Data Engineer you will:

- play a key role in the design and delivery of modern data offerings for Solnet's clients, including:
 - complex data migrations to new cloud platforms
 - design and implementation of data pipelines and platforms
 - implementation of data analytics, data visualisation and business intelligence solutions.
- support internal and external project teams, and develop inputs into Solnet's reference architectures
- contribute to ongoing development and communication of best practises, standards, methods, and processes.

You will join a dynamic environment and will work with highly experienced technical specialists and delivery teams.

Role and Responsibilities

- Design, build and maintain data solutions for clients
- Provide subject matter expertise in one or more of Solnet's products or services
- Provide input into the solution estimation and scoping process
- Work closely with Solnet team members and clients to ensure that project milestones and commercial goals are achieved successfully
- Help ensure that the chosen software development life cycle methodology is adhered to through the life of a project
- Keep up to date with the latest technologies, best practices, and trends relevant to data management and data solutions
- Achieve and maintain certification in relevant product and technology areas (you will be supported by Solnet in this)
- Suggest improvements to Solnet's service offerings, methodology and techniques
- Provide mentoring to Solnet team members and client personnel when required
- Be available for on call or work outside of usual hours, from time to time.

Key Performance Indicators

- Successful delivery of solutions that meet our client's needs
- Consistently meets the quality standards and delivery timeframes for assigned deliverables
- Recognised competency in one or more of Solnet's products or services
- Contribution to improvement of Solnet's capability to deliver successful solutions
- Active involvement in development communities both internally and externally
- Excellent feedback from clients and colleagues.

Qualifications

- Relevant technical certifications or accreditations.
- A Computer Science Degree or equivalent is preferred.

Skills and Experience

- Solid and demonstrable data engineering experience through planning, design, development, testing and release, including:
 - large scale data migrations
 - developing data pipelines and data models
- Around 5 years' experience in the enterprise IT domain, with at least three years in a data engineering role
- Knowledge of the software delivery lifecycle, agile practices, and the principles of Continuous Delivery / DevOps
- **Must have** specific skills and experience in the following areas:
 - Hands-on data migration experience, with an appreciation of the processes and likely challenges involved
 - Strong database and SQL skills (SYBASE, SQLServer, and T-SQL preferred)
 - Strong skills in Microsoft Data & Analytics tools – SQL Server (SSMA, SSIS, SSRS etc.)
 - Scripting skills (PowerShell, BASH, Python or similar).
- **Desirable** to have skills and experience with some of the following:
 - Knowledge of data modelling, integration and pipeline development
 - Building cloud-based data solutions using Azure (Azure Data Factory, Azure SQL Database, Power BI, etc.), or similar technologies on AWS or GCP
 - The data & analytics domain, including business intelligence and analytics
 - Data-warehouse/data-lake implementation experience
 - Data governance tools such as data catalogues, metadata management and data quality management.
- Some knowledge of support and operations standards and practices, e.g. ITIL, Service Level Agreements and others.

Other Attributes

- Ability to rapidly master new techniques and technologies
- Ability to plan and manage multiple tasks to reach a successful conclusion
- Ability to work effectively under pressure and adapt to change
- Ability to work well in a team and effectively contribute to the team's success, while interacting with both internal and external delivery teams
- Excellent written and verbal communication skills
- Excellent problem-solving abilities
- Self-motivated, self-managing and uses initiative to get things done
- Reliable, dependable and presentable
- Ability to travel and conduct business outside of Wellington, from time to time.