POSITION DESCRIPTION

JOB TITLE:	**Platforms Architect**
REPORTS TO:	**Manager, Enterprise Platforms**
LOCATION:	**Wellington**

Background

Solnet's Enterprise Platforms team is focused on enabling our clients to transform their traditional delivery and operations approaches, by empowering them to build and deliver high value software, rapidly.

As a member of our team, you'll have many opportunities to contribute your ideas, and help shape our service, in a fast moving and rapidly evolving space.

You'll join a dynamic environment and will work with highly respected and experienced colleagues. The role also offers the potential to work with cutting-edge technology, and to expand your skills in wider technical areas.

About Solnet

Solnet is a digital enablement company with offices in Wellington and Auckland. We offer software design and delivery, business advisory services, enterprise software support, platform delivery, and consultancy. We are passionate about how we engage with our clients, providing a good mixture of know-how, professionalism, and fun.

What we're looking for

We're looking for a **Platforms Architect** to join our fast paced, high performing team.

In this exciting role, you will play a decisive part in the future of Solnet's Platforms offerings. We are looking for someone who is a self-starter that is keen on seeing changes in the business as a direct result of their own actions.

The platforms team cover the following capabilities:

- DevSecOps, CI/CD toolchains
- cloud technologies (IaaS, PaaS, SaaS etc)
- integration and middleware technologies (including API technologies)
- infrastructure platforms (including operating systems and virtualisation)

This is a senior role. You assist our clients in the discovery, transition, and integration of their platform technologies and applications. In some cases, we are involved with taking our clients through a journey of understanding the benefits of DevSecOps and Cloud, so you may be also be involved in coaching from time to time.

Our solutions may be on-premise based, but when appropriate, we make extensive use of cloud/Platform-as-a-Service (PaaS), or Infrastructure-as-code (IaC) technologies.

In this role you will work closely with our Agile development teams, so you'll need a good working knowledge of DevSecOps tools and processes.

Scope

- To consult with clients to architect solutions related to DevSecOps and Cloud based solutions

- To undertake implementation of the work you architected, or architected by others (including clients), this will include work performed at client sites as well as at Solnet premises

- To assist the Enterprise Platforms Manager in developing business when opportunities arise

- To help operate, support, and continuously improve Solnet's managed DevSecOps solutions, toolchain services and underlying platforms

  Our reference stack is comprised of Git, Jenkins, Nexus and Openshift/Kubernetes/Docker, plus several open-source automated testing framework services. Our runtime environments are typically Linux-centric, so a degree of familiarity with Unix/Linux is important.

- You'll exhibit strong cloud product knowledge. Solnet is cloud agnostic, with experience in both AWS and Azure. Your knowledge will include Infrastructure as Code (IaC),

- To help design and deliver DevSecOps/CD pipeline solutions for Solnet and our clients

  Typical solutions comprise infrastructure, PaaS, or IaC components, and may reside in public or private cloud. Our pipelines make extensive use of APIs and Linux shell scripting.

- To assist in researching, refining, and improving Solnet's DevSecOps, security, and cloud solutions and practises.

Technical Skills & Experience

Essential

- Previous consulting experience

- Demonstrable experience architecting DevSecOps environments

- Proven experience of DevSecOps/Continuous Delivery objectives, principles, and practices

- Solid experience with open-source DevSecOps toolchain software (e.g. Git, Jenkins, Maven, Nexus, or equivalents)

- A mature understanding of security principles, especially regarding software development/SDLC

- Have previously worked in a consultative manner; not afraid to stand up and describe a solution in front of a client

- Sound commercial understanding

- Proficiency in Unix/Linux shell scripting and automation practises

- Experience with security encryption tools (e.g. OpenSSL) and certificates

- Knowledge or experience in at least **two** of the following areas:
    - API Management platforms (e.g. 3Scale, APIgee)
    - Containerisation technologies (e.g. Docker)
    - PaaS/Platform-as-a-Service (e.g. OpenShift, Azure App Service, Elastic Beanstalk)
    - Public cloud providers (e.g. Azure, AWS)
    - Provisioning and configuration management (e.g. Terraform, Ansible)

Desired

- Linux system administration experience in enterprise environments
- Experience with middleware (e.g. web / application /messaging servers, ESBs) or databases (e.g. RDBMS or NoSQL)
- Understanding of software support standards, processes, and tools (e.g. ITIL)
- Understanding of the SDLC and software development methodologies such as Agile and Waterfall
- Experience participating in Agile projects
- Experience creating infrastructure diagrams and process documentation.

Responsibilities

- Consult with clients where required, architecting cloud, DevSecOps
- Build new business alongside the Enterprise Platforms Manager
- Own, or assist in the preparation of response to RFPs, RFI's, etc
- Work with project teams to determine the appropriate DevSecOps/CD approach, and components, required for projects
- Work on new product offerings or initiatives to put to market
- Design and implement (or refine existing) DevSecOps toolchain services, CD pipelines, and supporting automation
- Provide support for DevSecOps platform and components
- Contribute to the selection of related tools, products, technologies, and approaches
- Achieve and maintain accreditation / certification in relevant product and technology areas (you will be supported by Solnet in this)
- Contribute in providing quality control and peer review of documentation
- Provide subject matter expertise to project teams, other Solnet technical SMEs, and customer technical contacts
- Help evolve Solnet's service offerings, processes, and techniques
- Maintain a level of awareness of changes in best practices, standards, frameworks, technologies, and products.

Other Attributes

- Consultative in nature, professional, and easy to deal with
- Ability to "solve the right problems" when it comes to technical solutions and not over-engineer a solution when a simple approach is required
- Self-motivated and self-managing; use initiative to get things done
- Flexible, adaptable, and comfortable with change; ability to learn new technologies when required
- Ability to plan and manage multiple tasks and workstreams
- Ability to work well in a team and effectively contribute to the team's success
- Excellent interpersonal skills, including the ability to work with clients and external vendors
- Ability to clearly articulate ideas and concepts, both written and verbal

- Reliable and dependable
- Ability to perform paid client engagements, often onsite at client's premises
- Ability to provide after-hours on-call services if required
- Ability to travel and conduct business in other locations from time to time.

Key Performance Indicators

- Successful delivery of consulting solutions that meet our clients' needs
- Recognised as being able to offer guidance and subject matter expertise at the enterprise level
- Contribution to improvement of Solnet's general DevSecOps and cloud capability
- Establish and maintain excellent relationships with clients and colleagues
- Meeting utilisation targets
- Active development of relevant technical and soft skills.

Qualifications

- Ideally (but not limited to) a Computer Science Degree or equivalent.