

Job description

Job title: Product Software Engineer

Reports to: R&D Manager

Location: Wellington

Background

Solnet helps its clients in advancing and transforming their digital business capabilities. An important enabler is Solnet’s innovative, new-generation “Digital Decisioning Platform for Hyperautomation” AULEXI. It uniquely combines business process automation with business decision management and interfaces with business analytics and Artificial Intelligence & Machine Learning solutions. Hyperautomation is the new frontier for advanced automation in enterprises. Moreover, with the approach that AULEXI distinctively has realised, business is directly involved in the definition of their sophisticated and transformative digital processes. Ultimately, AULEXI accelerates productivity and quality in developing strategic solutions to business problems. The promise of the AULEXI group of products is to disrupt conventional software delivery processes and process design methodologies, and to bring real benefit to vertical industries, such as healthcare, insuretech, fintech, as well as to government organisations.

Solnet is expanding its AULEXI teams for product development and project delivery, to further implement and apply a challenging AULEXI product roadmap.

In a nutshell

As a Product Software Engineer, you apply your **pro-code** programming skills to a group of **low-code** development and runtime products.

You are expected to develop and demonstrate a deep understanding and knowledge of:

- how existing AULEXI products work, and how new products should work to support problem definitions and solution implementations
- how users, that is from the business and developers, would use AULEXI products.

This is an exciting opportunity to be at the forefront of cutting-edge technology to shape, influence, and contribute to trailblazing business transformation projects for Solnet’s clients.

Job scope

As a Product Software Engineer, you play a key role in implementing the AULEXI product roadmap and developing AULEXI applications in specific client project contexts. You will participate in identifying, defining, and developing new functional aspects to enhance AULEXI’s foundations, components and tooling support and will act as a thought and technical leader with regards to designing and implementing pioneering business solutions that are based on AULEXI.

Role and responsibilities

- Identify, analyse, design, implement, integrate, test, and deploy new and enhanced AULEXI product components, services, systems, and tooling environments

- Lead AULEXI based technical solutions for client specific digital business transformation challenges including analysis, design, delivery, and support
- Provide subject matter expertise with regards to the AULEXI products
- Provide mentoring, guidance, and support to other team members and to our clients
- Liaise with business analysts with regards to understanding client needs and requirements
- Liaise with digital experience designers with regards to user interface design as part of digital business solutions
- Liaise with infrastructure engineers with regards to solution hosting and deployment
- Conduct technical presentations and demonstrations to our clients
- Ensure that Solnet’s software development lifecycle methodology is followed throughout projects
- Ensure that project and commercial goals are achieved by both Solnet and our clients
- Maintain high level of technical competency and awareness of technologies and best practices in software development.

Qualifications

- A degree in computer science or equivalent (PhD, MSc, BSc, or BSc with honours); required
- 3 or more years professional experience; required.

Skills and experience (in approximate priority order)

- Strong skills in programming languages and frameworks such as Java, JavaScript, JSON; required
- Proficiency in mathematics and formal logic concepts, such as propositional logic and 1st order predicate calculus; desired
- Proficiency in algorithms, their implementations and applications in the real world; desired
- Familiarity with design and build of language parsers, compilers, or interpreters; desired
- Familiarity with functional programming languages; desired
- Academic track record in computer science and related; desired
- Skills in software engineering and understanding of software development processes; desired
- Experience in API design; desired

- Experience with authentication and authorisation concepts such as OpenID Connect; desired
- Experience in container technologies such as Docker and Kubernetes; desired.

Other attributes

- Strong analytical skills and excellent problem-solving abilities
- Excellent written and verbal communication skills
- Ability to learn and master new technologies and techniques when required
- Ability to work well in a team and effectively contribute to the team's success
- Ability to plan and manage multiple tasks to reach successful outcomes
- Ability to work effectively under pressure and to adapt to change
- Self-motivated and self-managing and use of initiative to get things done
- Ability to think outside of the box
- 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.