



POSITION DETAILS:

Position Title:	Senior Front-end Developer
Group:	Realms of Thinking Project
Supervisor:	Professor Dian Tjondronegoro - Project Manager
Date of Last Review:	March 2023

PRIMARY ROLE/PURPOSE:

The Senior Front-end Developer will help design and build engaging digital experiences for a Web-based SaaS platform. They will develop, modify, test, and implement application code and make new web application components in accordance with specifications. Collaborating with a team of software developers and a tech lead/architect on technical deliverables, the successful candidate will need to engage in multiple initiatives simultaneously and work to ensure timely deliverables with high quality.

This position has an engineering focus.

The Senior Front-end Developer should possess an energetic attitude, creative problem-solving skills, a passion for technology and data, excellent communication and relationship-building skills, and flexibility in approach and design.

The role is mostly remote, with an occasional requirement for in-person meetings and presentations to be given at St Paul's School in Bald Hills, Queensland (Brisbane north side).

KEY ACCOUNTABILITIES:

- Develop and maintain web applications in a secure and accessible manner.
- Prepare, design, prototype, and deliver development tasks on time.
- Design and build efficient, well-tested, and reusable User Interface components using Angular2, Typescript, Apollo, GraphQL, RXJS, and SCSS.
- Work closely with team members and end-users to design and develop technical documentation, user guides, testing documentation and style guide components.
- Collaborate with your team to deeply understand the needs of our users and clients and then plan, design, and build features that best serve those needs.
- Demonstrate creative, technical, analytical, and problem-solving skills.
- Complete quick turnarounds of enhancements and fixes.
- Due to the nature of working in a remote team, the successful candidate must be highly communicative, with excellent written and verbal communication skills.
- Use git source code and version management tools.
- Write clean, maintainable, and well-tested code.

KEY SELECTION CRITERIA:

Qualifications

- Bachelor's degree (or equivalent experience), specialising in computer science, IT, engineering, or similar.

Essential

- At least three years of experience as a front-end developer with transferrable knowledge of at least one major front-end framework (React, Angular, Svelte, Vue);
- Strong understanding of Typescript, Apollo (GraphQL), RXJS;
- Strong understanding of front-end concepts, including state management, component-based architecture, asynchronous programming, responsive design, accessibility;
- Strong understanding of command-line tools, including Git and Yarn;
- Experience working on SaaS platforms, including a working understanding of client-side performance, caching, and local storage;
- Self-motivated, detail oriented;
- Ability to prioritise workloads and meet deadlines;
- High level of professional standards and conduct;
- Possession of a current Blue Card (Working with Children Check by Blue Card Services). This is non-negotiable. The successful candidate must have a current Blue Card before commencing work at the school. **If you do not currently possess a Blue Card, the School can assist successful candidates to apply to secure a Blue Card before commencing employment;**
- Agree to undergo a Criminal History/Police Check conducted by the School;
- Agree to be checked against the Anglican Church's National Professional Standards Register;
- **Must be an Australian resident and eligible to work in Australia.**

Preferred

- Experience with Angular2;
- Experience working with Django, Python, and AWS;
- Experience with accessibility (WCAG 2.0 AA);
- Experience with interface localisation;
- Experience with responsive design and implementation.

Criminal History Checks

- The school will conduct a Criminal History/Police Check on the successful applicant;
- The offer of this position is subject to the successful outcome of the Police Check and the possession of a current Blue Card (Working with Children Check by Blue Card Services);
- Should the Police Check or Blue Card reveal a negative outcome, this position will be immediately withdrawn.

AUTHORISATION:

I hereby agree that this Position Description accurately reflects work requirements.

Headmaster

Paul Browning

Name

Signature

Date

**Senior Front-end
Developer**

Name

Signature

Date