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**POSITION DETAILS:**

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| <b>Position Title:</b>      | <b>Graduate Front-end Developer</b>                   |
| <b>Group:</b>               | Realms of Thinking Project                            |
| <b>Supervisor:</b>          | <b>Professor Dian Tjondronegoro - Project Manager</b> |
| <b>Date of Last Review:</b> | July 2023   |

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**PRIMARY ROLE/PURPOSE:**

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The Graduate Front-end Developer will form part of a team of developers, to create a Web-based Digital Platform for Realms of Thinking ([www.realmsofthinking.com](http://www.realmsofthinking.com)). St Paul's School is pioneering the platform to transform educators' professional practice and grow every student's capacity to think creatively. This position will suit a software engineering graduate.

Collaborating with a team of experienced software developers, the Graduate 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.

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**KEY ACCOUNTABILITIES:**

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- Contribute to agile development to build efficient, well-tested, and reusable User Interface components using Angular2, Typescript, Apollo, GraphQL, RXJS, and SCSS;
- 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, and deliver development and debugging tasks on time;
- Due to the nature of working in a remote team, the successful candidate will need to 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.

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**KEY SELECTION CRITERIA:**

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**Qualifications**

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

**Essential Skills and Requirements**

- Working knowledge of Typescript, Apollo (GraphQL), RXJS;
- Demonstrated understanding of front-end concepts including state management, component-based architecture, asynchronous programming, responsive design, accessibility;
- Knowledge of command-line tools including Git and Yarn;
- Experience working on SaaS platforms, including a working understanding of client-side performance, caching, local storage;
- Self-motivated, detail oriented;
- Ability to prioritise workloads and meet deadlines;
- High level of professional standards and conduct.

**Preferred Skills and Experience**

- Experience as a Front-end Developer with transferrable knowledge of at least one major front-end framework (React, Angular, Svelte, Vue);
- 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.

**Essential Conditions of Employment**

- 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;
- Must agree to undergo a Criminal History/Police Check conducted by the School;
- Must agree to be checked against the Anglican Church's National Professional Standards Register;
- **Must be an Australian resident and eligible to work in Australia.**

**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.

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**AUTHORISATION:**

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

**Headmaster**

Paul Browning

Name

Signature

Date

**Graduate Front-end Developer**

Name

Signature

Date