

## Role description

<b>Role</b>	Senior Developer / Mentor – Open Source Web Application Development
<b>Project team</b>	IT
<b>Responsible to</b>	IT Manager
<b>Responsible for</b>	Development and Mentor with Web Development team
<b>Liaison with</b>	Internal staff External suppliers and contractors Users of CORE Education services
<b>Purpose of the role</b>	To provide CORE Education with web application development capability and provide the web application team with technical mentoring

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### Company profile

See [www.core-ed.org](http://www.core-ed.org) for current information.

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### Personal disposition and values which align with CORE's values

- Future oriented and committed to CORE's mission to push the boundaries of educational possibility
- Collaborative, connected, and whānau focused
- Principled and ethical with a high level of integrity
- Is a self starter and flexible
- Models principles and practice of Tātai Aho Rau and CORE's values - manaakitanga, whanaungatanga, wairuatanga and kaitiakitanga.
- Underpins all practice with culturally responsible behaviours and attitudes including a commitment to Te Tiriti o Waitangi through CORE's Te Aho Tapu framework.
- Life-long learner, with a commitment to ongoing professional and personal development including in mātauranga Māori.

### Personal profile, experience and skills required

- Tertiary qualification in Information Systems or Computer Science, or equivalent industry experience
- Excellent interpersonal skills
- Understanding of modern development methodologies
- Project management knowledge
- Team mentoring acumen or experience
- A passion for web application development, and a willingness to learn other platforms if required
- A detailed knowledge of php, mysql, xhtml, css, ajax and associated libraries
- Experience with setup and maintenance of web application server infrastructure, primarily LAMP
- Experience with Content Management Systems and development frameworks, Silverstipe, React, Vue.JS, Laravel, Angular
- Awareness and knowledge of web accessibility/usability issues
- Experience with AWS.
- Proactive with clear ability to work on own initiative and as part of a team
- Commitment to high level of professionalism and on-going personal development
- A knowledge of web applications in an educational context, e.g. e-Learning platforms, an advantage but not essential

### Main duties and responsibilities

- Provide technical mentoring for the development team
- Set the standard for development tools
- Provide guidance in methodology
- Set development conventions
- Review and guide web development in the team
- Assist with the professional development for the development team
- Ensure technical documentation and systems are appropriate for use
- Input into staff performance reviews
- Plan, develop, test, and maintain web based applications for internal and external projects
- Assist the ICT Manager in the management of development team, e.g. scheduling of work
- Assist with the development and maintenance of application server infrastructure

### Key tasks

- Manage internal and external web application development projects through full project lifecycle
- Liaise with clients and take briefings as required
- Assist with infrastructure development and maintenance in AWS
- Work with the Learning Development Team to evolve Professional Development to staff on use of internal web applications
- Support the IT Manager with appropriate and up to date IT Systems and Processes

### Generic tasks

- Takes part in the wider life of CORE as an organisation including conferences and events as needed.
- Participates in personal professional development offered by CORE as required.
- Contributes to the process of proposal development, when required and when relevant to your role.
- Maintains accurate, complete and timely work records using COREs agreed tools and processes.
- Complies with CORE's frameworks and policies and procedures.

### Role description approved and signed-off by role holder

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Signature

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Date