



JAVA WEB DEVELOPER (FULL STACK SUPPORT)

DEPARTMENT/UNIT	eSolutions
FACULTY/DIVISION	Chief Information Officer
CLASSIFICATION	HEW Level 7
DESIGNATED CAMPUS OR LOCATION	Clayton campus

ORGANISATIONAL CONTEXT

Monash is a university of transformation, progress and optimism. Our people are our most valued asset, with our academics among the best in the world and our professional staff revolutionising the way we operate as an organisation. For more information about our University and our exciting future, please visit www.monash.edu.

eSolutions leads and directs the provision of IT solutions to the University. eSolutions is currently leading substantial technological, service and organisational reform in its role as a single IT function for the University that operates according to the following vision: We partner with our customers to provide complete solutions enabling the Monash academic mission and delivery of the strategic agenda. We aim to be a customer focused organisation delivering flexible, responsive, coherent ICT services. For more information on the work that we do, please visit our website: www.monash.edu/esolutions.

Student Task Force (STF) Team provides digital solutions that are primarily student facing, although at times these solutions might be aimed at Monash staff. The STF Team operates from within eSolutions and is made up of multidisciplinary roles working together in an agile and iterative fashion with close collaboration with real users of the digital solutions produced.

POSITION PURPOSE

The Java Web Developer (Full Stack Support) is responsible for 2nd line support of existing web applications for students, academics and professional staff members. This role also contributes to the continuous extension and improvement of applications.

Working on the Google cloud platform (google app engine), the Java Web Developer works with a range of frontend, (HTMLS/CSS3 Javascript, Angular/React, Bootstrap/Material) and backend (MVC, NoSQL, queues, searches and APIs) technologies to ensure web based applications are fit for purpose, while providing high level support for end users and future development.

The incumbent works directly with stakeholders and users (students, lecturers, staff members) to determine the best solution to deliver outcomes.

Reporting Line: The position reports to the STF Senior Product Manager under broad direction

Supervisory Responsibilities: Not applicable

Financial Delegation: Not applicable

Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

1. Monitor and respond to 2nd line support requests in order to determine, isolate and address potential issues with web-based applications
2. In conjunction with the Support Manager, develop timelines to estimate software development requirements in order to successfully meet key deadlines
3. As a recognised expert in web application development within a cloud environment, provide specialist advice and guidance, in line with Monash policy and procedures, and development standards, to successfully separate specific features into individual tasks that can be assigned for development
4. Liaise with customer experience experts and functional testers to ensure application features are fit for purpose
5. Build features, and apply unit and implement tests to ensure functionality and usability by end users
6. In accordance with the area's policy and procedures, release features on a continual basis into development, test, and production environments to ensure usability and functionality
7. Develop and issue release notes to the user base to ensure knowledge around changes and updates and to allow uptake of new functionality
8. Monitor system logs and application performance to identify any systemic issues, highlight these to the team and suggest potential fixes to resolve these issues and to provide continuous improvement
9. Keep abreast of and maintain up to date skills in line with industry best practice
10. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
 - a degree with substantial subsequent relevant experience; or
 - extensive experience and management expertise in a technical field; or
 - an equivalent combination of relevant experience and/or education/training

Knowledge and Skills

2. Demonstrated practical experience in Java J2EE Web Development with a 50/50 coding split between front and back end and with Java back end frameworks such as Spring
3. Experience providing troubleshooting support for web-based applications
4. Demonstrated strong adherence to enterprise design patterns, code modularity and maintainability including MVC, NoSQL, queues, search, SMS, email, PDF, pub/sub, SSO, APIs, cache, files
5. Substantial experience in HTML5/CSS3, Javascript, Angular/React, Bootstrap/Material
6. Strong experience in unit testing, eloquent in explaining when to unit test
7. Excellent communication skills including extensive active listening skills, clear verbal communication skills and conciseness

OTHER JOB RELATED INFORMATION

- Travel to other campuses of the University may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted
- This position will require a successful National Police Record check

GOVERNANCE

Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.