
FULL STACK ENGINEER

AUGUST 2024



POSITION SUMMARY

Location:	Hybrid – Parkville and remote (within Australia)		
Functional area:	Orygen Digital		
Classification/ Salary:	\$100,000 – \$120,000 base or award level + 11.5% super + access to \$15,900 NFP salary packaging		
Job level:	3		
Reports to:	Head of Engineering, Orygen Digital		
Employment type:	Full time (1.0FTE)		
Employment length:	Ongoing		
Direct reports	0	Indirect reports	0

POSITION PURPOSE STATEMENT

The Full Stack Engineer will play an integral role in the development and evolution of Orygen Digital's flagship youth mental health platform, MOST. This is an exciting and varied role with opportunities to advance expertise in software engineering and product development. The Full Stack Engineer will contribute to the security, testing, technology integration, and further innovation of the MOST platform, ensuring high-quality releases for a user base that includes young people, health professionals, and international partners.

The engineer will work closely with key stakeholders to scope and develop features of MOST according to their skill set. They will support the development of both web frontends and backend services, analytics, third-party integrations, API development, and will collaborate with QA Testing to ensure smooth, high-quality delivery and operation of MOST across deployments.

About Orygen Digital

Orygen Digital, the fast-growing digital mental health division of Orygen, aims to revolutionise all youth mental health care, bringing together the best of technology, research, innovation and clinical services to support young people.

REVOLUTION IN MIND

POSITION FOCUS

	Key responsibility area	Percentage
1	Backend Software Development, Integration and Support	60%
2	Frontend Software Development, Integration and Support	30%
3	Support and Maintenance	10%

POSITION KEY RESPONSIBILITY AREAS

<p>1. Backend Software Development, Integration and Support</p> <ul style="list-style-type: none">• Make significant contributions in the design, development, and evolution of services, analytics, and infrastructure to deliver scalable and cost-aware architecture components.• Make significant contributions to the advancement of current and future backend development technologies and processes. <p>2. Frontend Software Development, Integration and Support</p> <ul style="list-style-type: none">• Make significant contributions to the advancement of current and future frontend development technologies and processes.• Ensure the integration of secure and innovative technology solutions within MOST. <p>3. Support & Maintenance</p> <ul style="list-style-type: none">• Collaborate with QA Testing to ensure a smooth, high-quality delivery and operation of MOST. <p>4. General</p> <ul style="list-style-type: none">• Support Head of Engineering with other tasks reasonably requested• Collaborate closely with engineering, design and research teams.• Role model the Orygen purpose and values and participate in the building of a strong team culture that drives employee engagement and trust.
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EDUCATION / QUALIFICATIONS

Essential	<ul style="list-style-type: none">• Tertiary qualifications in fields such as software engineering, information technology or relevant other field.
Desirable	<ul style="list-style-type: none">• Cloud Platform certification (AWS/GCP)

EXPERIENCE / SKILLS

Experience / skills	<p>Essential</p> <ul style="list-style-type: none">• Extensive commercial development experience.• Proficiency with Python and Javascript/NodeJS.• Hands-on development experience with full-stack frontend applications (VueJS).• Experience with microservices, event-driven systems, and AWS infrastructure services.• Familiarity with RESTful API specification and implementation.• Experience with CI/CD pipelines, automation, logging, testing, monitoring, and scripting.• Containerisation experience using Docker and Kubernetes.• Proficiency with cross-platform development, Linux and bash scripting.• Experience with databases and queries in MySQL, Redis• Excellent written and verbal communication skills, with the ability to present work clearly and concisely.• Strong problem-solving skills, with the ability to self-manage and exercise
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	<p>judgment on when to escalate issues.</p> <p>Desirable</p> <ul style="list-style-type: none"> • Proficiency with additional languages such as Golang or PHP. • Experience with Lambda/Serverless architectures and other cloud providers. • Familiarity with mobile tech stacks (Capacitor) • Experience with Document databases, DynamoDB.
Personal attributes	<ul style="list-style-type: none"> • Excellent interpersonal skills and the ability to effectively establish and maintain effective relationships • Capacity to work independently and responsively within scope and at pace to manage competing priorities and ensure tasks, objectives and outcomes are delivered.

KEY RELATIONSHIPS

Internal	<ul style="list-style-type: none"> • Orygen Digital Engineering team • Orygen Digital Design team • Orygen Digital Research & Evaluation team
External	<ul style="list-style-type: none"> • Project funders • Third-party vendor

SPECIAL REQUIREMENTS

<ul style="list-style-type: none"> • Unrestricted right to live and work in Australia. • A current National Police Check will be required. • Any offer of employment is conditional upon receipt and maintenance of a satisfactory Working with Children Check. • Successful applicants will be required to provide proof of COVID-19 vaccination prior to commencement. • You may be required to work across more than one of Orygen's sites, which are currently located within the north and west of Melbourne. • A current Victorian driver's licence. • In line with government guidelines, this position may need to be based at home during certain periods. As such a reliable internet connection will be required. • Occasional out of hours, evening and/or weekend work may be required.
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SAFETY, HEALTH AND WELLBEING RESPONSIBILITIES

<p>Employees are required to comply with all workplace health, safety and wellbeing policies and procedures of Orygen.</p> <p>In addition, employees are expected to:</p> <ul style="list-style-type: none"> • Promote and demonstrate Orygen's high standards in relation to health, safety and wellbeing, championing a culture of safety in the workplace. • Take responsibility for their own safety, health and wellbeing and for their colleagues and others they work alongside, as far as they are able. • Follow policies, training and guidelines related to Workplace health, safety and wellbeing, including reporting of unsafe work practices, incidents, hazards and near miss events. • Be committed to promoting and protecting the safety and well-being of all children and young people and embedding safeguarding practices into all our programs and services.
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ACKNOWLEDGEMENT

Confirming this position description has been read and understood by:

Name	[insert name]
Signature	[insert signature]
Date	[insert date]