POSITION DESCRIPTION

FULL-STACK ENGINEER

Location:	Parkville (Hybrid/remote within Australia)
Division:	Orygen Digital
Salary range	$100,000 - $120,000
Employment Type:	Full-time fixed term position available to 30 June 2023
Position reports to:	Head of Engineering, Orygen Digital

1   ABOUT ORYGEN

VISION: Young people to enjoy optimal mental health as they grow into adulthood.
MISSION: Reduce the impact of mental ill-health on young people, their families and society.

Orygen is the world's leading research and knowledge translation organisation focusing on mental ill-health in young people. Working side-by-side with young people, our partners and one another, we're redefining what's possible in global research, policy, education and clinical care. Find out more on our website.

2   POSITION CONTEXT

Orygen exists to deliver cutting-edge research, policy development, innovative clinical services, and evidence-based training and education to ensure that there is continuous improvement in the treatments and care provided to young people experiencing mental ill-health.

As the digital division of Orygen, we have a mission to improve youth mental health care using engaging, ethical, and evidence-based technology. MOST is a social network and e-learning platform for young people struggling with their mental health, uniquely designed to integrate with face-to-face clinical care. We have an ambitious goal to make our MOST platform available to every youth mental health service in Australia by 2023.

In response to the COVID-19 crisis in 2020, Orygen Digital's MOST platform was generously supported by a $6m grant from the Victorian Government to fast track its roll-out across the state, and a $1m grant from the Telstra Foundation to iterate and improve the MOST technology platform. With funding recently renewed to 2023, and further national dissemination planned, we are set for ongoing team growth and product scaling. This position will play a central role in ensuring the successful implementation of the MOST platform across varied contexts.

REVOLUTION IN MIND

3 POSITION SUMMARY

Orygen Digital is looking for an experienced Full-Stack Engineer to join our growing team in support of our flagship youth mental health platform, MOST. This will be an exciting an varied role with opportunity to use and advance expertise in software engineering and product development.

The Full-Stack Engineer will play an integral role in the development evolution of MOST features, ensuring security, testing, technology integration and further innovation to provide high quality releases to a user base of young people, health professionals and international partners. They will directly engage with teams across the organization for the scoping and development of features of MOST according to their skill set. The Full-Stack Engineer will be expected to operate with some autonomy, proactively engaging with stakeholders and with general direction from the Head of Engineering, Orygen Digital.

As a Full-Stack Engineer you will support the development of backend services, analytics, third-party integrations, API development and working closely with DevOps to ensure smooth operation of MOST across deployments. You will be joining a broad team of software engineers, designers, researchers, clinical psychologists, writers, artists, young people and frontline mental health professionals working together to improve young people's lives.

4 KEY RESPONSIBILITIES/OUTCOMES

- Collaborate closely with engineering and product teams
- Collaborate and assist in design, development and evolution of services, analytics, infrastructure
- Software architectural design and integrations to create highly scalable, cost-aware architecture components ensuring best practices and values
- Implementing Cloud infrastructure as code
- Enjoys collaboration, knowledge sharing and empathy/appreciation when considering different perspectives
- Provide technical leadership, ownership and first-hand experience crafting end-to-end solutions and designing complex backend systems
- Make significant contributions to the development and deployment of new technologies and processes

5 SELECTION CRITERIA

The following criteria must be met for consideration for this position:

5.1 Essential

- Minimum 3 years commercial development experience
- In-depth proficiency with **one** of: Python, Golang or JavaScript/Node
- Hands-on development experience of microservices, Lambda/Serverless, event driven systems
- Hands-on industry experience of multiple AWS infrastructure services
- Specification and implementation of RESTful API's, messaging/events
- CI/CD pipelines and automation, logging, testing, monitoring
- Containerization using Docker, Kubernetes
- Linux and bash scripting
- Excellent written and verbal communication, with proven ability to prepare and present work in clear, concise and informative manner with appreciation for user/product
- Adept at architecting, composing and integrating technology stacks or third-party API/Services
- Attention to detail, software ethics, best practices and quality/security standards
- Ability to problem solve and exercise high level judgement, with skill in determining when to independently manage versus when to escalate

5.2 Desirable

- Experience and proficiency across multiple languages Golang, Python, JavaScript/Node
- Big data services, infrastructure and analytics pipelines
- Proficiency with front-end and mobile tech stack using REACT/VueJS or native
- AWS certified or experience with digital health systems

6 SPECIAL REQUIREMENTS

- Occupational Health and Safety (OH&S) and Environmental Health and Safety (EH&S) responsibilities as outlined in Orygen's Occupational Health and Safety policy
- All Orygen employees are required to familiarise themselves with the organisation's policies and procedures and to adhere to them at all times
- Unrestricted right to live and work in Australia
- A current National Police Check will be required
- A current Working with Children Check will be required
- Any offer of employment is conditional upon receipt and maintenance of a satisfactory Working with Children Check
- This role will initially commence work remotely from home. The successful incumbent must have confidential home office space and reliable internet connection. (In response and subject to COVID-19 pandemic responsive change to working space)