
**FULL-STACK FRONTEND ENGINEER
(JUNIOR)
AUGUST 2022**



Location:	Hybrid work – remote and Parkville office
Division:	Orygen Digital
Salary Range:	\$70,000 - \$90,000 p.a. (commensurate with skills and experience) plus superannuation and access to salary packaging
Employment type:	Full-time position available until 30 June 2023
Position reports to:	Head of Engineering, Orygen Digital

1. POSITION SUMMARY

Working with a varied team of computer programmers, psychologists and creative content creators, this role primarily involves supporting our JavaScript-based Frontend web development. The main responsibility of the Full-Stack Frontend Engineer / Developer will be to contribute to the ongoing development and enhancement of our Moderated Online Social Therapy (MOST) web application.

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

The Full-Stack Frontend 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 Frontend 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 Frontend 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.

What is MOST?

MOST is a digital service for young people struggling with their mental health, uniquely designed to integrate with face-to-face care. MOST connects young people to a moderated social network of peers working on their mental health, as well as online treatment programs and one-on-one support from clinicians, career consultants and trained peer workers. We have an ambitious goal to make MOST available to every youth mental health service in Australia by 2024.

MOST is backed by more than 10 years of academic research and clinical expertise. Orygen has now received funding to make implemented MOST within mental health services across Victoria, NSW, Queensland and we are set for ongoing team growth and service scaling. In addition, the MOST system is deployed in numerous local and international research trials, including Rebound (a depression cohort); Momentum (an at risk of psychosis cohort); Blend (a bipolar cohort); YOTES (Youth Online Training and Support System); Horyzons USA, Canada and Ireland (psychosis cohorts), and Enjoy (Dutch version of MOST).

2. POSITION CONTEXT

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

We are a complex organisation. Our activities and workforce are diverse and include:

- Five headspace centres in Craigieburn, Glenroy, Melton, Sunshine and Werribee that deliver primary clinical services to young people and are operated by Orygen.
- The Centre for Youth Mental Health, a University of Melbourne research and teaching department that is wholly seconded into Orygen. Centre staff are provided with Orygen email addresses and have the use of Orygen systems.
- Orygen Specialist Program (formerly referred to as Orygen Youth Health Clinical Program), a tertiary clinical service that is currently operated by North Western Mental Health, co-located with us at Parkville, Sunshine and Glenroy and also operating at sites in Footscray, and Wyndham. Whilst not under the governance of Orygen, Orygen Specialist Program works in close partnership with us.
- Orygen Digital, which develops and rolls out online clinical platforms that are fully integrated with 'in-person' clinical services.
- A training and development unit providing online and face to face training for the mental health workforce both nationally and internationally.
- A policy think tank drawing on Orygen's research and clinical expertise and partnering and collaborating with key content experts from Australia and around the world to advise government policymakers.
- Centralised professional support functions enabling the organisation to achieve strategic and operational objectives.

As Full-Stack Frontend Engineer you will play a key role in the continued development and evolution of the MOST platform. 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.

3. 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.
VALUES	Respect, accountability, teamwork, excellence & innovation.
COMMITMENTS	First Nations people of Australia, young people and their families, LGBTIQ+ people & culturally and linguistically diverse people.

4. KEY RESPONSIBILITIES AND OUTCOMES

The Full-Stack Frontend Engineer will:

- Identify and solve issues with the Frontend
- Optimise build processes
- Implement and test Progressive Web Application features
- Identifying and solving user experience issues related to device, platform and browsers
- Assist in the development and integration with the MOST platform services
- Assist in the development of new features, components and architecture
- Development towards multi-platform devices, desktop through to mobile device
- Collaboration with design and product members, research and Original Digital members about the MOST project
- Identify when escalation is required and promptly seek advice for major issues/problems
- Participation in regular sprint planning and review sessions
- Operate in close collaboration with other Senior Frontend and backend engineers
- Participate in other development activities and responsibilities as directed by the Head of Engineering and other senior managers within the Orygen Digital team
- Comply with and support others to comply with Orygen's policies and procedures, including taking appropriate action to hold others accountable and promote a workplace culture that is safe, diverse and inclusive.

5. SELECTION CRITERIA

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

5.1 Essential

- Proven commercial development experience
- Expertise in JavaScript, with a focus on optimised, performant code
- Developing high quality solutions, both big and small
- Expertise with module bundlers, transpilation and other build processes
- Working with designers and product leads to bring UX prototypes to life
- Working with backend engineers to integrate frontend API requirements
- Expertise progressive web application technologies
- Excellent computer skills with the ability to explain technical information in simple language
- Ability to problem solve and exercise high level judgement when performing web development activities and where issues require escalation.
- Development experience with containers - Docker
- Excellent oral and written communication
- Experience in work planning, estimation and managing work to schedule and capacity
- Motivation and passion for continuous improvement and growing as a team

5.2 Desirable

- Understanding of web browser and device / platform capabilities and inconsistencies
- Hands-on experience with VueJS
- Hands-on experience with mobile application development
- Familiarity with Vuex / Redux-style state management
- Experience with writing automated tests
- Hands on experience with hybrid mobile application development

6. SPECIAL REQUIREMENTS

- 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.
- 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.
- 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.
- Successful applicants will be required to provide proof of COVID-19 Vaccination prior to commencement.

7. ACKNOWLEDGEMENT

Confirming this position description has been read and understood by:

Name:	
Signature:	
Date:	