
QA TEST ENGINEER

AUGUST 2022



Location:	Parkville/Hybrid
Division:	Orygen Digital
Salary Range:	\$60,000 - \$70,000 p.a. (commensurate with skills and experience) plus superannuation and access to salary packaging
Employment type:	Full-time position available for 12 months (part-time arrangement also considered)
Position reports to:	Head of Engineering, Orygen Digital

1. POSITION SUMMARY

Orygen Digital is looking for a Quality Assurance (QA) Test Engineer to join our growing team in support of our flagship youth mental health platform, MOST. This will be a varied role with opportunity to use and advance expertise in quality assurance, software engineering, and stakeholder management.

The QA Test Engineer will play a key role in ensuring all MOST features are reliable, fully operational and of high quality before and after release to a user base of young people, health professionals and international partners. They will directly engage with users to triage support help-desk tickets, and have scope to contribute to software engineering and feature development of MOST according to their skill set. The QA Test Engineer will operate with guidance from lead QA Test Engineer as well as the Head of Engineering, Orygen Digital.

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 Enyoy (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 QA Test Engineer 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 QA Test Engineer will:

- Collaborate closely with engineering and product teams
- Analyse user stories and use-cases/requirements for validity testing, specification review, test coverage
- Develop test plans, test strategy, and test scripts for new and existing features
- Execute varying levels of testing (Manual, System, Integration and Regression)
- Design and develop effective, reusable and maintainable automation scripts, suites and pipelines
- Promote and ensure use of testing techniques, methodologies and tools that ensure quality and outcomes are delivered and reported on

- Handle software release test plans and test cases as well as identify, record and track defects following defect management processes
- Assist in tracking quality coverage (testing, defects, bug fixes etc.)
- Act as gatekeeper for quality and engage with stakeholders at all levels to ensure excellence
- Provide, maintain and extend MOST support help-desk to end users and stakeholders through various channels
- 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

- Testing environment background
- Experience in a product-focused QA role
- Experience in manual and automated end-to-end testing, planning and deployment practices
- Experience in testing web, API and/or mobile
- Exposure to automation environments and test methods ensuring high code coverage
- Excellent written and verbal communication, with proven ability to record, prepare and present issues in clear, concise and informative manner
- Experience with testing tools
- Experience with web development stacks
- Attention to detail, software ethics, best practices and quality standards

5.2 Desirable

- Experience with PHP, Python
- Experience with Atlassian tools (JIRA)
- Experience with front-end frameworks (VueJS)

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:	