

Robert Gracey

robert@gracey.io

linkedin.com/in/RobGracey

gracey.io

Profile

Accomplished and results-driven technology professional with proven expertise in software engineering, system architecture, and project management.

Demonstrated ability to drive business success through innovative solutions and collaboration.

Education

Western Sydney University

Bachelor of Computer Science (Advanced)

2015 - 2017

- Graduated with Distinction
- Cyber Security Australia Challenge participant - 2017
- Recipient of SCEM Dean's Merit - 2015, 2017

Experience

Senior Software Engineer

hipages

- Led cross-functional efforts to ensure compliance with Apple's new terms and conditions by implementing account deletion functionality.
- Developed a Kubernetes operator to optimise incident management, enhancing response times and system stability.
- Proactively enhanced troubleshooting capabilities by instrumenting and visualising key KPIs in real time, resulting in reduced time-to-detect (TTD) for issues.
- Successfully established and operationalized a self-hosted Kafka cluster to support the company's event-driven architecture vision.

Full Stack Software Engineer

hipages

- Executed transition from monolithic to a modular monolith architecture, enhancing scalability and maintainability.
- Implemented a caching mechanism to significantly improve performance of database queries, enhancing user experience.
- Conducted a comprehensive internal permissions audit of admin system in preparation for the company's IPO.
- Designed and implemented a JSON-API compliant API consumed by multiple microservices
- Developed Helm charts for deploying applications behind API gateway, supporting internal teams.

Web Developer

University of Technology Sydney

- Created a responsive Vue.JS frontend prototype for the University Library website, utilising TailwindCSS and Drupal.
- Managed and provided comprehensive support for the University's scholarly research repository.

Software Project Officer

University of Technology Sydney

- Conducted a major version upgrade and move to a kubernetes (GKE) environment of the University's scholarly research repository
- Overhauled legacy code for several systems backing the scholarly research repository to reduce development complexity

Systems Officer

Western Sydney University

- Assisted in the planning and development of new features for the University's scholarly research repository
- Conducted audits of an internal system to discover and remove security flaws
- Contributed to the development of an interactive University orientation experience