

Rhys Thomas

Senior Quality Engineer

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Profile Summary

Senior Quality Engineer with experience defining test strategy, building automation frameworks and improving CI/CD pipelines in fast-moving product teams. Currently the sole QA supporting multiple squads at ClearScore, focusing on developer-led testing, automation and internal tooling to improve engineering productivity and software quality.

Skills & Competencies

- **Languages:** JavaScript, TypeScript, Python, Kotlin and Swift (for testing)
- **Test automation:** Maestro, Cypress, CodeceptJS, Appium, Mocha, Postman, Gatling
- **CI/CD and tooling:** Jenkins, Git, CI/CD pipeline optimisation
- **AI-assisted engineering:** Custom Claude skills, AI migration agents (XML to Jetpack Compose)
- **Ways of working:** Quality Assistance model, developer-led testing, test strategy
- **Collaboration tools:** Jira, Notion, Miro, Figma

Work Experience

Senior Quality Engineer, ClearScore / DriveScore

London | 2022 – Present

Technical Senior Quality Engineer focused on the Quality Assistance model, which shifts quality ownership to developers and speeds up delivery. A solid history of building Maestro frameworks, reducing CI/CD build times by 80%, and using AI to build custom tools, including Claude skills and XML-to-Compose migration agents, that help all teams with quality engineering.

- **AI democratisation:** Created custom Claude skills to make API and Maestro test authoring easier, letting developers manage their own quality assistance.
- **AI-driven migration:** Created a custom AI migration agent that shifted 50% of legacy XML components to Jetpack Compose, greatly speeding up codebase modernisation.

- **Pipeline efficiency:** Cut native CI PR build times at ClearScore from 75 minutes to 13 minutes; the refactoring reduced costs by 94%.
- **Mobile strategy:** Built a mobile automation framework with Maestro for DriveScore, enabling fully automated regression testing in CI.

Software Test Engineer, Roam Digital

Sydney | 2021

- Shifted a product team to a Quality Assistance QA model, moving from 1 deploy per week to 5 per day.
- Made pipeline optimisations to improve build and deploy speeds, from 2 hours per run to 40 minutes.
- Ran tech-training sessions to raise the base level of technical ability across the QA team, covering asynchronous JavaScript, test framework setup, NodeJS, NPM and APIs.

Education

BSc Biotechnology with Professional Training Year, Cardiff University

2014 – 2018

- Achieved upper second-class honours (2:1)
- Worked in a biotech laboratory in Germany for 10 months
- Modules in Molecular Biology, Genetics and Biotechnology in Business

Additional Information

- Mental Health Ambassador
- Run a 3D printing side business
- Avid skier, mountain biker and all-round extreme sports enthusiast
- ABRSM Grade 5 Piano and RGT Grade 3 Electric Guitar; played lead guitar in the London Video Game Orchestra