

CARRIE GALE

Sydney, Australia | carriegale2710@gmail.com | [LinkedIn](#) | [Github](#) | Portfolio: carriegale.dev

SUMMARY

Full-stack Software Engineer with a **rare UX/UI background**.

Skilled in **Java**, **Spring Boot**, **React**, and **AWS**, with proven experience delivering production-ready web apps and optimising user experience with **accessibility compliance**.

LEADERSHIP & ACHIEVEMENTS

Startmate Founder Challenge - Top 6 finalist team that pitched to ANZ VC investor panel

_nology SWE Program Alumni - Selected **top 0.01%** of 1000+ applicants Australia-wide

Founder & President - Multicultural Interracial Experience Society (USYD)

University of Sydney Global Citizenship Award – Exchange programs (Korea/Japan)

SKILLS

Core Development: **Java**, **Spring Boot** (REST APIs), **MySQL**, **React.js**, Node.js, TypeScript, JavaScript, HTML, CSS/SASS, Tailwind

Testing: Jest, JUnit, Mockito, Rest Assured, Vitest, Zod

Complementary: **AWS** (EC2, S3, CloudFront), NestJS, Firestore, Python, R

Practices & Tools: Git/GitHub Actions, **Test Driven Development** (TDD), CI/CD, Agile, Design Patterns, Accessibility Standards (WCAG), **Figma** (UI prototyping)

EXPERIENCE

_nology — *Software Engineering Associate*

MAR 2025 - PRESENT, Sydney

- **Achieved 100% beta user adoption** of new notes feature by refactoring backend API of _nology's internal student metrics application (NestJS/MySQL/React/TS).
- **Presented technical solutions in daily sprint reviews** with senior mentors, ensuring non-technical stakeholders understood implementation trade-offs.
- Collaborated with peers in **weekly code reviews**, improving code quality and **knowledge sharing** across the development team.

aBeauté — *Co-Founder / Software Developer (Part-time)*

DEC 2024 - PRESENT, Sydney

- **Spearheaded the development of an early MVP prototype using React/Firestore**, incorporating insights from user feedback and accessibility audits, leading to a simplified onboarding process and a **30% increase in user retention**.
- **Coordinated with designers and researchers** to manage product roadmap, and adapted scope to meet funding pitch deadlines during **agile sprints**.

Self-Employed — UX/UI Designer (Freelance)

JUL 2022 - DEC 2024, Sydney

- **Delivered responsive redesigns** for e-commerce clients, reducing **bounce rates 10–15%** and **boosting accessibility scores by up to 25%**.
- **Translated business needs into design specifications** by leading client workshops to gather requirements and guide iterative feedback cycles.

Gapmash — UX/UI Designer (Intern)

OCT 2021 - NOV 2021, Sydney

- **Boosted sign-up task completion by 30%** for events mobile app, by redesigning onboarding UX in Figma, based on analysing of **40+ user feedback surveys**.
- **Reduced feature integration time by 20%** by documenting clear design specifications for development teams.

PROJECTS | See Portfolio: carriegale.dev

[Employee Creator Fullstack App](#) | Java, Spring Boot, MySQL, React (TS, Tailwind)

- **Code:** Developed a secure **RESTful API** and React front end, optimising database queries to handle **200+** concurrent employee records **without performance loss**.
- **Testing:** Wrote **40+ unit/end-to-end tests** (Jest, JUnit, Mockito, Rest Assured), ensuring production reliability with a **100% pass rate**.
- **Production-Ready: Automated testing & AWS EC2/S3 deployment** via GitHub Actions CI/CD pipeline, adding health checks and Log4j2 logging for **maintainability**.

[Todos Fullstack App](#) | Java (Spring Boot), MySQL, React (TS, SCSS)

- **Microservices:** Built **RESTful API with full CRUD** for personalized task management app with advanced multi-category filtering, supporting 100+ tasks per user.
- **Scalable Database:** Architected **normalized MySQL database schema** with junction tables, boosting **query efficiency by 30%** and ensuring **robust data integrity**.

[E-commerce Platform UI](#) | React, Firestore, SCSS

- **Dynamic data:** Implemented **real-time inventory updates** for **website storefront** with Firestore, ensuring **data persistence** across sessions.
- **Custom Business Logic:** Developed cart price calculation, quantity updates, and category-based product filtering, **reducing checkout errors by 15%** and improving overall shopping efficiency.
- **Usability Testing:** Conducted testing with **10+ mock customers**, translating feedback into iterative UI/UX improvements that **increased task completion success by 20%**.

EDUCATION

[nology](#) — Pathway to Tech: Software Engineering Program

MAR 2025 - JUN 2025 | **12-week intensive training program** for career-switchers.

University of Sydney — Bachelor of Arts (Design/Digital Cultures)

JUL 2020 - MAR 2024 | Coursework: **Data science, informatics, and data visualisation**.