RICHARD GAO

Software Engineer // Frontend developer

SUMMARY

Passionate and driven Software Engineer with 4+ years of experience building scalable web and full-stack applications. Skilled in writing clean, maintainable code and delivering high-quality solutions in fast-paced, agile environments. Quick to adapt, eager to learn, and confident working independently—whether remotely or on-site.

EXPERIENCE

NAB – ASSOCIATE ENGINEER - INNOVATION
Nov 2023 – Current // Melbourne, VIC

- Developed a multi-page Carbon Footprint Calculator POC in typescript featuring dynamic form rendering, contextual data management and automated report generation tailored for business clients aiming to reduce emissions.
- Architected and implemented the frontend and BFF layer for a generative AI powered Legal Document Review Tool, streamlining document validation workflows for paralegals significantly improving review efficiency.
- Modernized legacy applications by performing codebase upgrades and conducting regular production deployments ensuring full compliance of NAB's security standards.
- Authored comprehensive documentation for proposed enhancements to existing systems, enabling better decision making within the team.
- Collaborated across multiple teams to design and deliver accessible, user-centric interfaces, contributing to a diverse portfolio of web applications with a strong focus on usability.

NAB – TEAM MEMBER ENGINEER - INNOVATION
June 2022 - Nov 2023 // Melbourne, VIC

- Designed and implemented a data-driven dashboard UI for senior executives, featuring dynamic chart components and visual heatmaps enabling real-time insights and informed decision making.
- Built out a multipage typescript frontend mini app to contain reusable components/recipes to increase efficiency within the team and reduce overhead and rebuilding same components from scratch.
- Developed scalable backend microservices using Java and NAB's spring boot framework, exposing data through RESTful APIs to seamlessly integrate with dynamic frontend components.

NAB – SOFTWARE ENGINEER INTERN - QUALITY ENGINEERING
July 2021 – June 2022 // Melbourne, VIC

- Contributed and maintained NAB's testing frameworks supporting cross-functional teams.
- Developed a performance testing framework through pair programming.

CONTACT

- Richard.yg@outlook.com
- 0450672268
- https://github.com/Soupraa
- www.linkedin.com/in/richard-gao-417404208

SKILLS

- **Web Development**
  HTML, CSS, JavaScript, TypeScript
- **Frameworks and Libraries**
  Spring Boot, React, Node.JS, React Native, GraphQL, Jest, Next.js, Tailwind CSS
- **Cloud Platforms**
  AWS, Azure
- **Backend**
  Java, Python, C#
- **Databases**
  MySQL, RDS, MongoDB, Firebase

EDUCATION

RMIT – Bachelor of Software Engineering
Graduated with Distinction // Melbourne, VIC

STRENGTHS

- Web development
- React TypeScript/JavaScript
- Data Driven design/UI

REFERENCES

Nishant Chavan – Technical Lead at NAB
Phone: 0452287511
www.linkedin.com/in/nishant-chavan/