

Zihan Luo

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Summary

Highly motivated and innovative Software Engineer with **4+ years** of experience delivering web and enterprise solutions in B2B settings. Highly skilled in JavaScript (**React**), Spring Boot, and RESTful API development. Extensive experience implementing CI/CD pipelines and DevOps practices, leveraging **AWS** services such as EKS, EC2, S3, and CloudFront. Adept at collaborating within **agile** teams and driving timely project delivery.

Skills

Languages:	Java, JavaScript, TypeScript, Python
Back-end:	Spring Boot, RESTful API, Microservices, Django
Front-end:	HTML5, CSS3, React, SPA architecture, component-based UI design
DB:	MySQL, PostgreSQL, DynamoDB
Tools:	AWS, Docker, CI/CD, Azure, Jenkins, Git
Quality:	JUnit, Jest, Pytest, Integration Testing, Code Review

Work Experience

Full Stack Software Engineer 06.2025 – 08.2025 **Rhombus AI, Sydney**

Description: Cloud-based AI platform serving enterprise clients (SaaS).

Technologies: React, Typescript, Tailwind, RESTful API, AWS(EKS), Git Actions, K6

- Developed membership workflow back-end services, **RESTful APIs** using Java, **Spring Boot**, and increased user engagement with email notifications.
- Built **React** SPA with **JavaScript** and **Shadcn**, improved user experience and accessibility.
- Conducted **code review** and optimized system performance, improved code quality.
- Developed **unit** and **integration tests** with **TypeScript** and **Jest**, reduced defects.
- Implemented **CI/CD** and observability using **Prometheus** and **Grafana** on **EKS**.
- Investigated incidents and released hotfixes, enhancing production reliability.
- Optimized render performance using **lazy loading**, reducing load time.
- **Collaborated** with stakeholders and other developers, designed robust digital solutions with AI integration.

Software Engineer 10.2021 - 02.2024

Cloud Booster, Beijing

Description: Enterprise DevOps and R&D management platform (B2B).

Technologies: JavaScript, Java, Jenkins, Jfrag, Camunda BPM

- Delivered workflow approvals using **Camunda BPM**, automating notifications.
- Implemented **Jenkins** pipelines, improving deployment efficiency.
- Facilitated **RBAC-based** access model, enhancing platform security.
- Collaborated in **Agile** sprints, ensuring timely delivery.
- Created a **React** single-page web application, optimizing UI and accessibility.
- Developed custom dashboards with **AntV**, improving data visualization.
- Improved our client's R&D efficiency by implementing DevOps automation practices aligned with **Level 3** process maturity standards.

Full-stack Web Developer

05.2020 - 10.2021

HopeRun, Beijing

Description: Enterprise DevOps and R&D management platform (B2B).

Technologies: JavaScript, Vue, React, Ant Design, D3

- Built **reusable React** components with **JavaScript** and **Ant Design**, enhanced UI consistency.
- Implemented various data **visualisation** charts using **D3** and **ECharts**, improved analytics insights clarity.
- Solved production issues with **logs** and **dev tools** timely, improved system stability.
- Implemented **RESTful API** services, fixed issues and ensured data consistency.
- Developed design systems using **JavaScript** and **React**, **standardized** UI components, improved development efficiency.
- Delivered **new features** following development **best practices**, ensured on-time completion.

Certificates

AWS Certified Solutions Architect	01/2026
IBM DevOps and Software Engineer certified	01/2026
PTE Academic English 83/90	10/2025

Education

The University of Adelaide	02/2024 – 12/2025
Master of Computing and Innovation GPA (6.091 / 7.0)	