

Zihan Luo

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Summary

Platform-oriented Software Engineer with **4+ years** of experience building **enterprise systems** and **DevOps platforms** in **regulated** environments. Strong hands-on experience with AWS **EKS**, Lambda, **CI/CD**, and backend **API development**. Experienced in cross-functional **requirement analysis**, technical solution **design**, and collaborating with business and engineering teams, translated complex requirements into scalable platform capabilities.

Skills

Languages:	C#, JavaScript, TypeScript, Python
Back-end:	ASP.NET Core, RESTful APIs, Microservices, Django
Front-end:	React, Vue, HTML5, CSS3, component-based UI design
Databases:	PostgreSQL, MySQL, DynamoDB
Tools:	AWS, Docker, CI/CD, Git, Jenkins, Kubernetes
Quality:	xUnit, Integration Testing, API Testing, Code Review

Work Experience

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

Description: Cloud-based AI SaaS Product.

Technologies: React, TypeScript, Tailwind, RESTful API, AWS, GitHub Actions, K6

- Developed backend API in Python, **Django** and facilitated domain model evolution for a **cloud-based** AI SaaS platform.
- Deployed and operated containerised services on **AWS EKS**, with **CloudFront** and **S3** integration, improved scalability and operational consistency.
- Implemented observability with **Prometheus** and **Grafana**, strengthened **monitoring** coverage, production visibility, and incident response.
- Designed and executed **K6 load testing**, identified bottlenecks and validated service performance before release.
- Delivered an end-to-end customer-facing feature across backend and frontend, coordinating **API integration** and release readiness.

Software Engineer 10.2021 - 02.2024 **Cloud Booster** (spin-off from HopeRun), **Beijing**

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

Technologies: JavaScript, ASP.NET Core, Jenkins, Camunda BPM

- Implemented workflow approval processes with **Camunda BPM** and automated **notification flows**, improving process efficiency and operational consistency.
- Developed **CMDB-related** capabilities and **Jenkins** pipeline integrations, supported standardised deployment **workflows** and improved release efficiency.
- Implemented **RBAC-based** access control with **ASP.NET Core**, strengthened platform security and supported access control across roles.
- Participated in cross-functional **requirement reviews**, analysis, and solution discussions in each **sprint**, collaborating with business, product, design, QA, and engineering teams.
- Contributed to early-stage **prototype design** and helped translate business requirements into implementable platform features.
- Supported **Agile** delivery across enterprise **banking** projects, improved alignment between business expectations and technical execution.
- Helped improve client-side R&D process efficiency through **DevOps automation** aligned with **Level 3** process maturity standards.

Software Developer

05.2020 - 10.2021

HopeRun, Beijing

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

Technologies: JavaScript, React, Ant Design, MySQL, ASP.NET Core

- Developed frontend and backend features for an **enterprise platform**, including RESTful APIs and web-based modules.
- Supported production issue investigation using **logs** and **developer tools**, improved system stability, and increased troubleshooting efficiency.
- Contributed to **reusable component** and design system development, improved maintainability and delivery consistency.
- Delivered **new features** following team development standards and release practices.

Certificates

AWS Certified Solutions Architect	01/2026
IBM DevOps and Software Engineer certified	01/2026
IBM Full-stack Software Engineer certified	03/2026

Education

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