

Hongzhi Li

DevOps Engineer & Cloud Infrastructure Specialist

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Profile Summary

DevOps Engineer and Infrastructure Specialist with 5+ years building, automating, and operating cloud-native systems in enterprise environments. Deep expertise across AWS, CI/CD (Jenkins/GitHub Actions), Kubernetes/Docker, and Infrastructure as Code (Terraform). Experienced in setting up monitoring/alerting (Prometheus/Grafana/Loki), incident response and recovery playbooks, and SDLC/release governance with engineering and management teams. Based in Gothenburg; open to Oslo/Gothenburg hybrid setups and immediate start.

Core Technical Skills

- **Cloud (AWS-first):** EC2, ALB/NLB, VPC, IAM, RDS, S3, CloudFront (CDN), Route53, CloudWatch
- **IaC & Config:** Terraform (modules, workspaces), CloudFormation, Ansible; GitOps workflows
- **Containers/Orchestration:** Docker, Kubernetes (AKS/EKS/on-prem), Helm, Kustomize
- **CI/CD:** Jenkins (multibranch, shared libs), GitHub Actions, GitLab CI; blue/green, canary
- **Monitoring/Logging:** Prometheus, Grafana, Loki, Alertmanager; SLOs, dashboards, alerting
- **Networking/HA:** Nginx/HAProxy, load balancing, TLS, CDN, autoscaling, high availability design
- **Systems:** Linux administration (Ubuntu/CentOS), systemd, shell scripting, performance tuning
- **Programming:** Python, Bash, PowerShell; tooling, automation, internal CLIs
- **Git Expertise:** Rebase/merge workflows, GitFlow/trunk-based, code review, submodules

Professional Experience

ECARX — IT/Infrastructure Specialist

October 2024 - Present — Gothenburg, Sweden

- Built and maintained CI/CD pipelines (Jenkins/GitHub Actions) for microservices; standardized pipeline templates and secrets management
- Designed monitoring/alerting with Prometheus, Grafana, and Loki; created service SLO dashboards and weekly reliability reports
- Set up incident management framework: on-call rotation, runbooks, recovery playbooks, and postmortem templates
- Partnered with development to define SDLC (GitFlow, code review, versioning); introduced trunk-based deployments where appropriate
- Drove release planning with PM/engineering; automated release notes and change approvals to reduce lead time
- Migrated from AKS to on-prem Kubernetes, reducing cost; implemented IaC with Terraform modules for repeatable environments
- Administered Linux servers (systemd, networking, hardening); configured Nginx/HAProxy, ALB, and CloudFront for load balancing/CDN
- Advocated and trained teams on DevOps best practices, Git proficiency, and incident readiness

Synteda — Azure Fullstack Developer & Integration Specialist (Freelance)

August 2023 - September 2024 — Gothenburg, Sweden

- Provisioned greenfield cloud infrastructure from scratch using Terraform, Azure DevOps, and containerized services
- Implemented CI/CD (build, test, deploy) with environment promotion and approvals; added automated rollbacks
- Established service observability with Grafana/Prometheus and log aggregation; created latency/error SLIs
- Contributed to SDLC playbooks and release calendars; coordinated releases across multiple teams

IT-Högskolan — Backend Developer (Part-time)

January 2023 - May 2023 — Gothenburg, Sweden

- Migrated "Omställningsstod.se" adult education platform using Spring Boot backend services
- Developed RESTful APIs for frontend integration and implemented secure data handling
- Collaborated with UI/UX designers to ensure seamless frontend-backend integration
- Implemented automated tests as part of delivery process

Pembio AB — Fullstack Developer

October 2020 - September 2021 — Lund, Sweden

- Developed Pembio.com platform backend with Java and Spring Boot in microservices architecture
- Built frontend features using Vue.js framework and integrated with backend APIs
- Developed RESTful APIs and implemented comprehensive database integration
- Participated in Agile development processes and collaborated with cross-functional teams

Hobby Projects

Weather Anywhere.CLOUD_API_Encoding

Feb 2024 – Present

SpringBoot, AlibabaCloudECS, ApsaraDBRDS(MySQL), Heroku

- Weather tracking app for Swedish and global cities using OpenCageData and Open-Meteo APIs
- Deployed on Alibaba Cloud ECS with city coordinates and weather data stored in ApsaraDB MySQL
- Demo: <https://weather.bluehawana.com>

Jobhunter_Python_TypeScript_RESTAPI

July 2024 – Present

Python, TypeScript, GmailRESTAPI, LinkedInAPI

- Automated job hunting pipeline integrating Gmail search, job scraping, and resume customization
- Generated resumes and cover letters based on job descriptions using NLP techniques
- Demo: <https://jobs.bluehawana.com>

Education

IT Högskolan

Bachelor's Degree in .NET Cloud Development — 2021-2023

Mölndal Campus

Bachelor's Degree in Java Integration — 2019-2021

University of Gothenburg

Master's Degree in International Business and Trade — 2016-2019

Certifications

- AWS Certified Solutions Architect - Associate (Aug 2022)
- Microsoft Certified: Azure Fundamentals (Jun 2022)
- AWS Certified Developer - Associate (Nov 2022)

Additional Information

- **Languages:** Fluent in English and Mandarin
- **Location:** Based in Gothenburg; open to relocation within Nordics
- **Interests:** Reliability engineering, automation, performance tuning, developer experience
- **Personal Website:** bluehawana.com