# Hongzhi Li

*DevOps Engineer & Cloud Infrastructure Specialist*

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## Profile Summary

Experienced DevOps Engineer and Infrastructure Specialist with over 5 years of expertise in cloud technologies, system optimization, and automated deployment pipelines. Currently serving as IT/Infrastructure Specialist at ECARX with proven track record in Kubernetes, AWS, Docker, and infrastructure automation. Strong background in migrating from AKS to local Kubernetes clusters, implementing monitoring solutions using Grafana, and managing complex network systems. Demonstrated ability to work across the entire infrastructure stack from cloud platforms to system reliability and enterprise-level technical solution design. Specialized in infrastructure optimization roles for companies like Spotify.

## Core Technical Skills

- **Cloud Platforms:** AWS, Azure, GCP, Alibaba Cloud ECS, Infrastructure as Code
- **Containerization:** Docker, Kubernetes, Azure Kubernetes Service (AKS), Container Orchestration
- **CI/CD:** Jenkins, GitHub Actions, GitLab CI, Automated Testing, Deployment Pipelines
- **Infrastructure:** System Integration, Network Management, Cost Optimization, Performance Monitoring
- **Monitoring:** Grafana, Advanced Scripting, System Reliability, Application Performance
- **Programming:** Python, Bash, PowerShell, Java, JavaScript, Go, Infrastructure Automation
- **Databases:** PostgreSQL, MySQL, MongoDB, AWS RDS, Azure Cosmos DB, Database Optimization
- **Security:** Application security, Data protection, Authentication/Authorization, Network Security

## Professional Experience

### ECARX — IT/Infrastructure Specialist

*October 2024 - Present — Gothenburg, Sweden*

- Leading infrastructure optimization and system integration projects for automotive technology solutions
- Providing IT support and infrastructure support to development teams for enhanced productivity
- Implementing cost optimization project by migrating from AKS to local Kubernetes cluster, reducing operational expenses
- Implementing modern monitoring solutions using Grafana and advanced scripting for system reliability
- Managing complex network systems and providing technical solution design for enterprise-level applications

### Synteda — Azure Fullstack Developer & Integration Specialist (Freelance)

*August 2023 - September 2024 — Gothenburg, Sweden*

- Developed comprehensive talent management system using C# and .NET Core with cloud-native architecture
- Built complete office management platform from scratch, architecting both frontend and backend components

- Implemented RESTful APIs and microservices for scalable application architecture
- Integrated SQL and NoSQL databases with optimized query performance and data protection measures

### IT-Högskolan — Backend Developer (Part-time)

*January 2023 - May 2023 — Gothenburg, Sweden*

- Migrated "Omstallningsstod.se" adult education platform using Spring Boot backend services
- Implemented infrastructure automation and deployment pipelines for enhanced system reliability
- Collaborated with DevOps teams to optimize application deployment and monitoring strategies
- Implemented automated testing and continuous integration as part of delivery process

### AddCell (CTH Startup) — DevOps Engineer

*September 2022 - November 2022 — Gothenburg, Sweden*

- Developed cloud-native applications using serverless computing architecture
- Implemented infrastructure as code and automated deployment pipelines
- Worked with containerization technologies and Kubernetes orchestration
- Optimized cloud resource usage and implemented cost-effective scaling strategies

## 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

- Dynamic city lookup and caching mechanism for optimized API usage and response speed

- 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

- Auto-sent job application drafts to user with a fully functional end-to-end workflow

- Demo: https://jobs.bluehawana.com

### Gothenburg_TaxiPooling_Java_ReactNative_PythonALGO

*May 2024 – Present*
**SpringBoot, ReactNative, PostgreSQL, Python, ML, PSQL**

- Neural network-powered carpooling platform with automated passenger matching and real-time geolocation tracking

- Developed cross-platform mobile application using React Native and Spring Boot microservices

- Integrated secure payment processing, RESTful APIs, and PostgreSQL for scalable data handling

- Engineered for performance optimization and GDPR-compliant data privacy

## 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

- **Interests:** Vehicle technology, energy sector, electrical charging systems, and battery technology

- **Personal Website:** bluehawana.com

- **Customer Websites:** senior798.eu, mibo.se, omstallningsstod.se