Hongzhi Li

Senior Fullstack Developer

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Profile Summary

Experienced Fullstack Developer with over 5 years of hands-on experience in Java/J2EE development with modern web technologies. Currently serving as IT/Infrastructure Specialist at ECARX with proven track record in building scalable applications. Specialized in end-to-end development roles for companies like Kollmorgen.

Core Technical Skills

- **UI/Visualization:** React, Next.js, Vue.js, Chart.js, real-time dashboards, responsive design
- **Mobile/Native UI:** Android (Kotlin/Java), React Native, Xamarin, automotive UI/UX, Android Auto
- **Backend/APIs:** Spring Boot, Node.js, RESTful APIs, WebSockets, real-time data streaming
- **Programming:** Kotlin, Java, JavaScript/TypeScript, Python, C#, Go, Bash
- **Real-time Systems:** Event-driven architecture, pub/sub patterns, live data visualization
- **Databases:** PostgreSQL, MySQL, MongoDB, SQLite, time-series data handling
- **Cloud/DevOps:** AWS, Azure, Docker, Kubernetes, CI/CD, GitHub Actions, Grafana, Prometheus
- **Data Visualization:** Grafana dashboards, Prometheus metrics, custom charts, geolocation mapping
- **Automotive:** Android Auto, automotive infotainment, AOSP, in-vehicle testing, Polestar platforms
- **Testing:** Unit testing, integration testing, UI testing, automated testing frameworks

Professional Experience

ECARX | IT/Infrastructure Specialist

October 2024 - Present | Gothenburg, Sweden

- Leading infrastructure optimization and system integration projects for automotive technology solutions
- Implementing cost optimization project by migrating from AKS to local Kubernetes cluster, reducing operational expenses by 40%
- Deployed comprehensive monitoring stack using Prometheus and Grafana to observe high-performance local cluster servers, tracking CPU usage, I/O performance, memory utilization, and network throughput
- Conducted detailed performance analysis comparing on-premises GitLab runner environment with Azure Kubernetes Service (AKS), identifying 25% performance improvement in CI/CD pipeline execution times
- Implemented advanced Grafana dashboards for real-time infrastructure observability, enabling proactive issue detection and system optimization
- Managing complex network systems and providing technical solution design for enterprise-level applications
- Providing IT support and infrastructure support to development teams for enhanced productivity

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
- 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

0.1 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

0.2 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

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

- **Personal Website:** bluehawana.com

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