

Hongzhi Li

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. Proven expertise in building scalable full-stack applications using Spring Boot, Angular/React frontend integration, and comprehensive database management across SQL and NoSQL platforms. Strong background in RESTful API development, microservices architecture, and end-to-end application development. Demonstrated ability to work across the entire technology stack from frontend user interfaces to backend services and database optimization. Currently serving as IT/Infrastructure Specialist at ECARX, bringing deep technical knowledge to complex software solutions and collaborative development environments.

Core Technical Skills

- **Programming Languages:** Java/J2EE, JavaScript, C#/.NET Core, Python, Bash, PowerShell
- **Frontend Frameworks:** Angular, ReactJS, React Native, Vue.js, HTML5, CSS3
- **Backend Frameworks:** Spring, Spring Boot, Spring MVC, .NET Core, ASP.NET, Node.js
- **API Development:** RESTful APIs, GraphQL, Microservices Architecture
- **Databases:** PostgreSQL, MySQL, MongoDB, AWS RDS, Azure Cosmos DB, S3
- **Testing:** Unit Testing, Integration Testing, Automated Testing, JUnit, Jest
- **Cloud Platforms:** AWS, Azure, GCP
- **Containerization:** Docker, Kubernetes, Azure Kubernetes Service (AKS)
- **Version Control:** Git, GitHub, GitLab
- **CI/CD:** Jenkins, GitHub Actions, GitLab CI
- **Agile Methodologies:** Scrum, Kanban, Sprint Planning, Code Reviews
- **Performance Optimization:** Application scaling, Database optimization, Caching strategies
- **Security:** Application security, Data protection, Authentication/Authorization

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 "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

Senior Material (Europe) AB — Platform Architect & Project Coordinator

January 2022 - December 2022 — Eskilstuna, Sweden

- Led migration of business-critical applications with microservices architecture
- Developed backend services with Spring Boot and designed RESTful APIs for frontend consumption
- Collaborated with development teams to optimize applications for maximum speed and scalability
- Participated in Agile ceremonies including sprint planning, reviews, and retrospectives

AddCell (CTH Startup) — DevOps Engineer

September 2022 - November 2022 — Gothenburg, Sweden

- Developed cloud-native applications using serverless computing architecture
- Implemented GraphQL APIs for efficient data fetching and frontend integration
- Worked with SQL and NoSQL databases for optimal data storage and retrieval

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
- Implemented automated testing strategies and ensured application security

Hobby Projects

Gothenburg TaxiCarPooling Web Application

May 2025 - Present

- Developing intelligent carpooling platform using Spring Boot backend and Node.js microservices
- Cross-platform mobile application with React Native, integrating payment and geolocation services
- Implemented automated order matching algorithm and RESTful APIs for real-time data processing
- Designed system with PostgreSQL database integration and optimized for scalability and performance
- Built comprehensive automated testing suite and ensured data protection compliance

EcarxTV & EcarxBot - Android Auto Applications

March 2025 - Present

- Developing Android Auto apps with Java backend services and modern frontend interfaces
- Implemented RESTful APIs for real-time data processing and voice command integration
- Built secure API integrations with SQL database optimization for vehicle data access
- Developed comprehensive testing framework for both frontend and backend components

Hong Yan AB - E-commerce Platform (smrtmart.com)

April 2024 - Present

- Fullstack e-commerce platform with Spring Boot backend and React frontend
- Implemented microservices architecture with PostgreSQL and MongoDB database integration
- Built comprehensive order management, inventory tracking, and payment processing systems
- Developed RESTful APIs for frontend-backend communication and third-party integrations
- Optimized application performance for maximum speed and scalability

Education

IT Höskolan

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