Bawantha Harshana

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Professional Summary

Software Engineer with 2+ years of full-stack development experience in Java, C#, ASP.NET Core, Spring Boot, React, and SQL. Experienced in building scalable web applications, REST APIs, and performance-optimized database systems in Agile environments. Currently pursuing a Master's degree in Information Technology in Japan with an AI-focused financial web platform project. Seeking Software Engineer roles.

Technical Skills

Languages: Java, C#, JavaScript, SQL, C
Frameworks: Spring Boot, ASP.NET Core, React, Node.js
Databases: PostgreSQL, MySQL, SQL Server
Tools: Git, Docker, AWS, Jenkins, IntelliJ, Visual Studio
Concepts: REST APIs, Agile/Scrum, TDD, System Design

Education

Master of Science in Information Technology (Web System Development)
The Kyoto College of Graduate Studies for Informatics, Japan — Apr 2024 – Mar 19, 2026 (Expected)

Bachelor of Science in Physical Science (Computer Science, Mathematics, Physics)
University of Kelaniya, Sri Lanka — 2018 – 2021

Master Project

SME Loan Readiness Tool — AI-Driven Financial Health Dashboard
- Full-stack platform using React, Spring Boot, PostgreSQL
- AI-based SME financial readiness analysis and recommendations
- Multi-role dashboards and explainable AI outputs

Work Experience

Software Engineer — HCLTech Sri Lanka (Apr 2022 – Mar 2024)
- Developed enterprise web applications and REST APIs using ASP.NET Core
- Improved SQL performance by 40% through query optimization
- Delivered features in Agile sprint cycles with cross-team collaboration

Software Engineer Intern — Omak Technologies (Dec 2021 – Mar 2022)
- Built Java backend modules and authentication features (JWT/OAuth)
- Supported debugging, testing, and sprint deliverables

Selected Projects

Blood Donation Camp System -Java, MySQL
Food Ordering System — Java, Spring Boot, React, AWS
Student Registration System — ASP.NET Core, SQL Server
Android Game (SpaceFly) — Java, Firebase

Languages

English: Fluent
Japanese: Basic (Currently Studying)