Kalhara Jasin Arachchi

Software Engineer — Final-Year Undergraduate

Colombo, Sri Lanka

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TECHNICAL SKILLS

- **Languages:** TypeScript, Java, Python, JavaScript, Ballerina, Bash
- **Frameworks:** Next.js, React, Spring Boot, Node.js, NestJS, Express
- **Cloud & DevOps:** AWS (EC2, S3), Docker, Git, GitHub Actions, Linux
- **Data & AI:** MySQL, PostgreSQL, MongoDB, Azure OpenAI, RAG Pipelines

PROFESSIONAL EXPERIENCE

Freelance Developer   Aug 2025 – Present
Richmond Capital Advisors LLC (Remote)   *Miami, USA*

- Developing real estate broker platforms, including transaction management and ticketing systems using Next.js and Prisma.

Software Engineer (Intern)   Feb 2025 – Jul 2025
WSO2   *Colombo, Sri Lanka*

- Built GenAI services integrating Azure OpenAI and RAG pipelines; optimized internal document retrieval times by 95%.

Trainee Software Engineer   Oct 2023 – Oct 2024
VaVe   *Moratuwa, Sri Lanka*

- Developed production-grade web applications using React and Spring Boot in an Agile environment.

SELECTED PROJECTS

Anothershots (Photography Platform) | *Team Lead & Full Stack Dev*
A comprehensive booking and portfolio management platform. Reduced booking coordination time by 60%.
Tech: Next.js, NestJS, MongoDB, AWS EC2

Geronimo (GenAI Lead Conversion Tool) | *Software Engineer (WSO2)*
AI-powered tool utilizing vectorization and LLMs to generate context-aware sales responses.
Tech: Ballerina, Azure OpenAI, RAG, PgVector

Rise Up Mora (Interview Platform) | *Project Lead*
Web platform facilitating 1000+ internship interviews. Awarded Best Industry Collaborative Project by IEEE SL.
Tech: Next.js, PostgreSQL, Prisma

Alwis Express (E-Commerce) | *Full Stack Developer*
Full-stack e-commerce solution featuring product browsing, cart management, and payment integration.
Tech: Next.js, React Query, Prisma

Laundry Management System | *Full Stack Developer*
Operations monitoring system for multi-branch laundromats, reducing manual logging errors by 90%.
Tech: React, TypeScript, Express, MySQL, AWS

CareerGPT | *Project Lead*
AI-driven career guidance platform offering personalized path recommendations.
Tech: React, Express, PostgreSQL, AWS

Arctic Service Management System | *Trainee SE*
Enterprise reporting module that reduced report preparation time from 2 hours to under 20 minutes.
Tech: React, Spring Boot, Java, MariaDB

VOLUNTEERING & LEADERSHIP

Web Development & Media Committee Lead   Oct 2023 – Sep 2024
IEEE Student Branch UoM

- Led the development team for the branch website and organized technical workshops.

Software Developer (Trainee) Jan 2023 – Jun 2024
DevLabs by Faculty of IT
- Built client-facing web applications in collaboration with faculty and industry partners.

Web Project Lead & Event Co-Chair Jul 2023 – Sep 2023
Rise Up Mora 2023
- Oversaw project timelines and the execution of the flagship career fair event.

EDUCATION

BSc (Hons) in Information Technology Jun 2022 – Jun 2026
University of Moratuwa

AWARDS & CERTIFICATIONS

- **Most Outstanding Volunteer** (2022/23) – IEEE Student Branch UoM
- **Champion** – CodeRush 2022 Hackathon
- **Certificate** – DevOps on AWS Specialization (Coursera)

This document is a public summary of my professional background.
*To request a detailed resume, please contact me via **email**.*