

Tharindu Sandaruwan

Trainee Software Engineer

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PROFESSIONAL SUMMARY

Passionate and driven Backend Software Engineer with strong hands-on experience in building scalable backend systems using Java and Spring Boot. Adept in REST API development, database design, and performance tuning. Skilled in leveraging modern technology like Docker. Completed a Trainee Software Engineer position (Oct 2024 – Apr 2025) with experience in enterprise-grade development. Currently completing a BSc (Hons) in Information Technology with a focus on backend engineering and distributed systems.

WORK EXPERIENCE

ZeroCode Software (Pvt) Ltd — Oct 2024 – Apr 2025

Developed backend features using Java and Spring Boot following industry-standard design patterns. Built REST APIs with versioning, validation, and exception handling using Spring MVC. Wrote unit and integration tests with JUnit5 and Mockito. optimized databases, and used Git/Docker.- Collaborated with frontend team (React/Node) to deliver full-stack features.

EDUCATION

BSc (Hons) in Information Technology

Sri Lanka Institute of Information Technology (SLIIT) — July 2021 – Present

Taxila Central College - Horana (2017-2019)

G.C.E. A/L | bio system technology

TECHNICAL SKILLS

Languages & Frameworks: Java, JavaScript, Spring Boot, Node.js, React.js

Backend : Spring MVC, Spring Data JPA, Hibernate, RESTful APIs, DTOs, ModelMapper, Validation

Databases : MySQL, MongoDB, MariaDB

Testing & Quality : JUnit5, Mockito, AssertJ, TestContainers, SonarQube, JaCoCo

DevOps & Monitoring : Docker, Docker Compose, ELK Stack, Spring Boot Actuator

Performance : Lazy/Eager Loading

Version Control & CI/CD : Git, GitHub

Others: Swagger, Postman, REST Docs, Lombok, SLF4J, Logback

PROJECTS

- **Agency Management System (Travel Agency)** [\[See Backend Code\]](#)

-Technologies: SpringBoot, MySQL, Docker, Docker compose

- **Melkart Application (E-commerce platform)** [\[See Backend Code\]](#)

-Technologies: SpringBoot, MySQL, Docker

-Order management/REST API Integration

- **Skillnet App (E-Learning Website)**[\[See Frontend Code\]](#)

-Technologies: ReactJs, TailwindCss, Vite

- **Point of Sale System (E-commerce)- Self Learning Project** [\[See Backend Code\]](#), [\[See Frontend Code\]](#)

-Technologies for backend: SpringBoot, MySQL, Docker ,Docker compose

-Technologies for frontend: ReactJs, TailwindCss, Vite

CERTIFICATIONS & AWARDS

- Dean's List, Sri Lanka Institute of Information Technology (SLIIT) - 2023 (3rd Year 1st Semester)
- Introduction to DevOps - Great Learning Academy
- Introduction to MERN Stack - Simplilearn
- Python for Beginners - University of Moratuwa
- AI/ML Engineer - Stage 1 - SLIIT (Reading)

REFERENCES

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