Dumith Lusena

TRAINEE SOFTWARE ENGINEER

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in Linkedin

🔗 Github

🔗 Portfolio

SKILLS

- Java
- SpringBoot
- JavaScript
- React
- TypeScript
- MySQL
- Angular
- HTML/CSS
- Git
- AWS
- Bootstrap
- Figma

EDUCATION

- **Higher National Diploma (HND) in Software Engineering**
  - Saegis Campus, Sri Lanka (2025 – Present)

- **Diploma In Software Engineering**
  - Institute of Computer Engineering Technology (iCET),Sri Lanka (2024 - 2025)

- **Loyola College Negombo (2009 - 2022)**
  - G.C.E A/L Exam (2022)
  - G.C.E O/L Exam (2019)

ABOUT ME

Software Engineering professional with a solid foundation in full-stack web development, built through the iCET Certified Developer (ICD) program at the Institute of Computer Engineering Technology (ICET). Skilled in Java, JavaScript, React, Angular, and Spring Boot, with hands-on experience developing RESTful APIs.Currently applying and expanding these skills through an internship, focusing on building scalable, efficient, and impactful software solutions. Passionate about continuous learning, knowledge sharing, and contributing to the growth of the tech community through innovative and sustainable development practices.

PROJECTS

Quiz App - Team Project ICET

- Project done following industry practices. Worked as developer.
- Technologies Used - Angular, SpringBoot, MySQL
- Hands-on knowledge of Git branching, resolving conflicts, pull requests, and Agile practices.

Backend - **GitHub Repository**

Frontend - **GitHub Repository**

Income and Expense Tracker App

- Developed a full-stack web application to manage personal finances by tracking income and expenses in real-time.
- Integrated JWT-based authentication and authorization to enable secure, user-specific access.
- Integrated Chart.js to visualize monthly and category-wise spending trends.
- Used Spring Boot REST APIs for backend logic and data management.
- Implemented CRUD operations for transactions with validation and user-friendly UI using Angular.
- Connected to MySQL database for persistent storage and transaction history.
- Technologies Used - Angular, Spring Boot, Chart.js, MySQL

Backend - GitHub Repository

Frontend - GitHub Repository

EXPERIENCE

July 2025 – Present
Intern Software Engineer DaleCodeLabs

- Integrated REST APIs with a React Frontend
- Created robust backend REST APIs with SpringBoot
- Implemented multiple mobile application screens with React Native
- Implemented CI/CD pipelines to deploy backend to AWS with Docker

SpringBoot / React / ReactNative / CI/CD /AWS

SOFT SKILLS

- Time management and task prioritization
- Problem-solving and analytical thinking
- Team collaboration and adaptability
- Ability to work under pressure
- Good interpersonal and teamwork skills
- Responsibility and accountability in projects
- Adaptability and willingness to learn new technologies

MOS Burgers - POS System for Burger Shops

- Built a full-stack Point of Sale system for MOS Burgers to manage foods, customers and orders.
- Developed robust Spring Boot REST APIs for handling cart, menu items and customers.
- Utilized Hibernate (JPA) for efficient ORM and database interaction with MySQL.
- Technologies Used - HTML, CSS, JavaScript, Bootstrap, SweetAlert2, Spring Boot, Hibernate, MySQL

GitHub Repository

Library Management System

- Developed a desktop-based Library Management System to manage books, members, borrow/return transactions, and reporting.
- Used singleton pattern for database connectivity to ensure efficient and reusable connection management.
- Technologies Used - Java, JavaFX, Maven, MySQL, Lombok library, JFoenix library, ModelMapper library, JasperReports library

GitHub Repository

Student Internship Portal – Backend

- Developed a RESTful backend for a Student Internship Portal handling student registration, internship postings, applications, and evaluations using Spring Boot.
- Designed and implemented a layered architecture (Controller–Service–Repository) with Bean Validation.
- Integrated MySQL using JPA/Hibernate with optimized queries and indexing for performance.
- Secured endpoints with JWT-based authentication and role-based access control (Student/Company/Admin) via Spring Security.
- Tested and documented APIs using Postman and Swagger.
- Technologies: Java, Spring Boot, JWT, Hibernate, MySQL

GitHub Repository

Other Projects

- Weather App - **GitHub Repository**
- Ai Chat Application - **GitHub Repository**
- AI-driven RPS game - **GitHub Repository**
- E - commerce Website - **GitHub Repository**
  (Self-Learning, Ongoing MERN Stack Project)

REFERENCE

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