Thilina Hewage

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PROFILE

A responsible and dedicated **Computer Science graduate specializing in Full-Stack Development** Skilled in designing and developing secure **REST APIs**, building scalable enterprise applications, and having hands-on experience with **containerization** and **CI/CD pipelines** for efficient and automated software delivery.

INDUSTRIAL EXPERIENCE

UniverSL Software (Pvt) Ltd - Trainee Software Engineer   **Jan 2025 – Jul 2025**

- **Technologies**: Java, Spring Boot, ORM, Hibernate, MySQL.
- Developed the backend for an appointment management system using Spring Boot under tight sprint deadlines.
- Implemented secure **REST APIs** with **Spring Security and JWT**.
- Achieving **75% Unit Test coverage** with **JUnit and Mockito**, reducing defects and improving code reliability.
- Deployed the Spring Boot application on **Google Cloud Platform (GCP).**
- Applied Agile principles in collaborative environments, with strong teamwork, adaptability, and communication skills.
- Applied best coding practices and software engineering principles, with a strong focus on **Object-Oriented Programming (OOP)** with **SOLID** principle.
- Used **Bitbucket** for **version control** and Jira for project management.

Zebra Technologies (Pvt) Ltd - Software Engineer Intern   **Dec 2023 – Jun 2024**

- **Technologies**: C#, C++
- Fixed bugs and enhanced application features using C# and C++, improving stability and user experience.
- Conducted manual and automated system testing using Zebra SDKs and tools.
- Successfully implemented enhanced logging across multiple sub-projects within the internal product.
- Developed and updated test cases and maintained detailed test case documentation.
- Followed best coding practices and applied Software Engineering concepts like OOP.
- Used **Gerrit** for **version control**, managing code updates and maintaining version history.

PROJECTS

E- commerce web application - **Frontend Repo | Backend Repo**

- **Technologies: Spring Boot, Angular, Hibernate, MySQL**
- Designed, developed, and optimized RESTful APIs within a Spring Boot architecture, enabling seamless and secure communication between frontend and backend systems.

- Enhanced database performance and efficiency by leveraging Hibernate ORM and MySQL, implementing best practices for query optimization and data management.

Hospital Management System (Group project) - Frontend Repo | Backend Repo
- **Technologies: Spring Boot, Microservices, Angular, Hibernate and MySQL.**
- Developed the **WeCare Prescription Management System** as a microservice - an innovative and reliable solution designed to streamline and enhance prescription handling, contributing to improved healthcare delivery and patient experience.

Sarusara Agro – (Group project) - Frontend Repo | Backend Repo
- **Technologies: MERN Stack (MongoDB, Express, React, Node.js).**
- Developing an online platform to empower farmers to sell their harvest directly and allow wholesalers to purchase harvests easily, collaborating closely with team members.
- Currently an ongoing project focused on simplifying the agricultural supply chain.

Weather Application - Repo
- **Technologies: HTML, CSS, JavaScript, Real-time web APIs.**
- Built a dynamic web application using HTML, CSS, and JavaScript, leveraging free real-time public APIs to display up-to-date weather information.

MOS burgers - Frontend Web Application - Repo
- **Technologies: HTML, CSS, JavaScript.**
- Developed a user-friendly Point of Sale (POS) system frontend with CRUD operations for managing items and customers. Implemented **"Add to Cart"** and **"Place Order"** functionalities to streamline the order processing workflow.

SKILLS
- **Programming Languages: Java**, JavaScript
- **Backend Development:** Spring Boot, Spring Security, Node.js, Express.js
- **Frontend Development:** HTML, CSS, React.js, Angular, Tailwind CSS, Bootstrap
- **Database Management:** MySQL, MongoDB
- **Tools:** GitHub, Bitbucket, Gerrit, Jira, Postman, Docker, GCP
- **Soft skills:** Teamwork, Adaptability, Communication

EDUCATION
- **University of Colombo School of Computing. (UCSC)**   **Apr 2021 - Oct 2024**
  BSc in Computer Science (Graduate)

REFERENCES
- **Mr. Roshan Gunathilake** – Director & CEO, UniverSL
  Web: https://roshangunathilake.com

- **Mr. Frank Damiend -** Senior Engineering Lead / Manager – CRM - Dialog Axiata PLC
  Email: damiendfrank@gmail.com