

SITHIJA HARSHANA JAYASINGHE

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 GitHub |  LinkedIn

 Colombo, Sri Lanka

PROFESSIONAL SUMMARY

Aspiring Software Developer with hands on experience gained through academic projects, open-source contributions, and self-learning. Successfully balanced studies with part-time work and extracurricular activities while building real-world applications using Java, Spring Boot, React, and MySQL. Seeking a Junior Developer opportunity to grow technically and contribute effectively to a development team.

ACADEMIC QUALIFICATIONS

- **Bachelor of Information Technology (Reading – 2022/2026)**
University of Colombo, School of Computing Faculty
- **Currently Studying iCET Certifier Developer Course**
Institute of Computer Engineering Technology, Panadura
- **Higher National Diploma in Information Technology (2024)**
University of Colombo, School of Computing Faculty
- **Diploma in Information Technology (2023)**
University of Colombo, School of Computing Faculty

CERTIFICATIONS

- **Google Project Management Specialization**
Offered by Google through the Coursera platform.
- **Introduction to Software Engineering**
Offered by IBM through the Coursera platform.
- **Fundamentals of Java Programming**
Offered by Broad Infinity through the Coursera platform.
- **Introduction to Databases**
Offered by Meta through the Coursera platform.
- **Database Structures and Management with MySQL**
Offered by Meta through the Coursera platform.
- **Introduction to Front-End Development**
Offered by Meta through the Coursera Platform.
- **Java Programming for Beginners**
Offered by IBM through the Coursera Platform.
- **Introduction to HTML, CSS, & JavaScript**
Offered by IBM through the Coursera Platform.

- **Object Oriented Programming in Java**
Offered by IBM through the Coursera Platform.
- **Foundations of User Experience (UX) Design**
Offered by Google through the Coursera Platform.
- **Agile Project Management with Jira**
Offered by Atlassian and Project Management Institute.

TECHNICAL SKILLS

Programming Languages:

Java | JavaScript

Frameworks & Libraries:

Spring boot | React | Next.js | Bootstrap
Tailwind CSS | Angular

Tools & Platforms:

Git | GitHub | REST APIs | Atlassian Jira

Web Technologies:

HTML5 | CSS3

Data Bases & Backend Services:

MySQL | Supabase | Firebase

PROJECTS (Portfolio Highlights)

1. **Shades By Jay – Open-Source UI Component Library (HTML, CSS, Java Script) | [GitHub](#) | [Web Site](#)**
Developed an open-source UI component library with 250+ reusable components using HTML, CSS, and JavaScript. Designed modular and accessible components across 10+ categories with dark/light mode support and integrated an interactive code playground for real-time customization. Published under the MIT License for community use and contribution.
2. **BrightMindAid – Educational Resource Platform for Sri Lankan Students (React, Supabase) | [GitHub](#) | [Web Site](#)**
Developed a web-based educational platform to help Sri Lankan students access curated learning resources. Built a responsive frontend using React and integrated Supabase for authentication and data management.
3. **Error Solution AI Buddy : AI-Powered Developer Error Assistant - Node.js (CLI), Ollama LLM, Regex Engine, VS Code Extension | [GitHub](#)**
Developed an AI-powered CLI developer tool that explains runtime errors directly in the terminal, eliminating context-switching. Built with Node.js and Commander.js, it captures and analyzes errors across multiple languages and uses a locally running Ollama LLM to generate clear explanations and fixes. Also developed a VS Code extension and error history system to enhance debugging efficiency and developer productivity.
4. **MediCare Sync - Multi-Clinic Management SaaS System (Spring Boot, React.js) | [GitHub](#)**
Developed a multi-clinic management SaaS platform to streamline clinic operations, including patient registration, doctor scheduling, appointments, prescriptions, and pharmacy coordination. Implemented secure digital patient profiles with centralized medical records and QR-based identification for quick access. Enabled doctors to view complete patient history and reduced paperwork through a connected, efficient healthcare management system.

5. Construction Management System (SaaS) – Ongoing

Leading a team of 7 to develop a Construction Management System SaaS, architecting a full-stack solution using Spring Boot and Angular with RBAC and budget tracking features. Responsible for system architecture, task coordination, and ensuring best development practices while collaborating with developers, product owners, and business analysts. Designed robust REST APIs and database structures using MySQL to support scalable construction workflow management.

6. Disaster Management System – Full-Stack Web Application (React & FireBase) | [GitHub](#)

Developed a responsive full-stack Disaster Management System as part of a 3-member team during a hackathon. Built the front end using React and integrated Firebase for authentication and real-time database. Enabled users to report emergencies in real time, with GPS location automatically captured and stored when offline, and synced to the dashboard once connectivity is restored. Implemented a real-time admin dashboard to monitor incidents, demonstrating strong skills in real-time systems, teamwork, and rapid prototyping.

REFERENCES

Mr. Frank Cronenberg

Senior Engineering Lead / Manager – CRM

Dialog Axiata PLC

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