



# RASANGA PRAMUDDHIKA SAMPATH

## ASSOCIATE SOFTWARE ENGINEER

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### SUMMARY

Detail-oriented Associate Software Engineer with a strong focus on building scalable web applications using React, TypeScript, and Spring Boot. I am passionate about applying clean coding practices, improving user experience, and delivering reliable solutions in Agile environments. I am also developing my skills in AWS and Azure to support cloud-based development. Adaptable and quick to learn, I'm motivated to contribute effectively while continuing to grow as a full-stack engineer.

### PROFESSIONAL EXPERIENCE

#### Associate Software Engineer - Overleap (Pvt) Ltd

Feb 2025 - Present

- Supported continuous improvement by exploring new technologies and presenting findings during architectural review sessions.
- Managed cloud resources and supported CI/CD pipeline configurations to ensure smooth deployment workflows.
- Actively participated in pull request reviews, code review discussions, and PR merging to maintain code quality and consistency.
- Assisted in code refactoring and performance optimization to improve efficiency and maintainability.
- Conducted mentoring sessions for interns on Git workflows, code reusability, and software engineering best practices.

#### Intern Software Engineer - Overleap (Pvt) Ltd

Aug 2024 - Jan. 2025

- Actively contributed to project planning and implementation within the Agile development process.
- Enhanced applications by identifying opportunities for functional and performance improvements.
- Assisted in the design and implementation of highly available backend modules.
- Supported code refactoring and performance optimization to improve maintainability and efficiency.
- Designed and implemented user interface components to deliver intuitive and responsive experiences.
- Contributed to technical documentation, including code documentation and inputs to design specifications.

### EDUCATION

#### Bachelor of Science in Information Technology, University of Kelaniya

2022 - Jan. 2025

- Key Coursework: Problem Solving and Critical Thinking, Databases, Object-Oriented Programming, Data Structures and Algorithms, Full-Stack Web Development, Mobile App Development, Data Science, Software Design Patterns and Frameworks, Big Data and Data Warehousing

#### G.C.E. Advanced Level - Sri Palee College, Horana

2020

- Stream: Physical Science

## OPEN SOURCE CONTRIBUTIONS

- Designed, developed, and published an npm package that helps JavaScript and TypeScript developers detect and resolve memory leaks in web applications.
- Implemented functionality to track event listeners, timers, DOM nodes, and Redux state, enhancing application performance and reliability.
- npm package : <https://www.npmjs.com/package/js-memory-leak-detector>
- Technologies: **TypeScript** , **JavaScript** , **HTML**

## PERSONAL PROJECTS

### GLEAM CERAMIC COMPLEX

Dec 2024 - Apr. 2025

- Ceramic shop project is a full-stack web application designed to manage and streamline operations for a ceramic shop. It includes features for product management, sales tracking, user authentication, and a responsive client interface for customers and administrators.
- Technologies: **JavaScript** , **React.js**, **Vite** , **Tailwind CSS** , **Node.js** , **Express.js** , **SQL**
- GitHub : <https://github.com/pramuddhika/CERAMIC-SHOP-PROJECT>

### Water Quality System

Dec 2024 - Jan. 2025

- Developed the web interface for an IoT-based water quality monitoring system, enabling real-time visualization of sensor data. Built features such as user authentication, client management, dashboards, and reporting tools. Integrated TensorFlow.js models into the frontend to support data classification and predictive analytics, contributing to environmental decision-making insights.
- Technologies: **JavaScript** , **React.js**, **Vite** , **Tailwind CSS** , **Firebase** , **TensorFlow.js** , **PostCSS**
- GitHub : [https://github.com/pramuddhika/water\\_quality\\_sys](https://github.com/pramuddhika/water_quality_sys)

### Kalupahana Motors Web Application

Apr 2024 - Jun. 2024

- Developed a full-stack web application for managing automotive service bookings, inventory, and dashboard analytics. The system streamlines customer authentication, job tracking, mechanic assignments, and stock management, enhancing operational efficiency for service centers.
- Technologies: **JavaScript** , **React.js**, **Vite** , **Tailwind CSS** , **Node.js** , **Express.js** , **SQL** , **PostCSS**
- GitHub : <https://github.com/pramuddhika/Kalupahana-Project>

### Book Management Web Application

Apr 2023

- Developed a Java-based web application for managing book records, including features for adding, editing, searching, and deleting books. Implemented servlets for backend logic and JSP for dynamic web pages, following the MVC architecture.
- Technologies: **Java (Servlets)** , **HTML** , **CSS** , **JSP (JavaServer Pages)** , **Apache Tomcat**
- GitHub : [https://github.com/pramuddhika/Book\\_Management\\_System](https://github.com/pramuddhika/Book_Management_System)

## TECHNICAL SKILLS

- **Languages:** Java, JavaScript, TypeScript, SQL
- **Frameworks & Libraries:** Node.js, React, Next.js, React Native, Spring Boot, Redux Toolkit, Express, Redux, React Query
- **DevOps Tools & Platforms:** AWS, Azure, Git, Docker, GitHub Actions
- **Databases:** MySQL, Firebase, MongoDB
- **Tools & IDEs:** Postman, Jira, ClickUp, VS Code, IntelliJ IDEA, Android Studio, NetBeans, Spring Tool Suite (STS), Eclipse

## CERTIFICATIONS

Advanced Java Skill Up - GeeksforGeeks - <a href="#">Certificate</a>	Oct. 2025
Java Skill Up - GeeksforGeeks - <a href="#">Certificate</a>	Oct. 2025
Introduction to Data Engineering - IBM - <a href="#">Certificate</a>	Mar. 2024
Google UX Design Specialization - Google - <a href="#">Certificate</a>	Jan. 2024
Introduction to Front-End Development - Meta - <a href="#">Certificate</a>	Sep. 2023
Networking Basics - Cisco - <a href="#">Certificate</a>	Apr. 2023

## REFERENCES

### Mr. Praveeen Wanninayaka

Technical Lead - Overleap (Pvt) Ltd , 334, 1st Floor, Dalugama, Kelaniya, Sri Lanka

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### Mr. Navindu Dilshan

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