

Waruna Udara Sampath

FULLSTACK SOFTWARE DEVELOPER | JAVA

SPRINGBOOT | REACT.JS

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Kalutara, Sri Lanka

Software developer with 1 year of experience in Java backend development, building RESTful APIs, and frontend skills in React.js, Next.js, and Angular. Skilled in teamwork and fast learning. Seeking software engineer role in innovative projects.

Work Experience

Software Developer (Volunteer)

Aug 2024 - Feb 2025

The Road to Rights | Rajagiriya Sri Lanka

- Collaborated with a team of 5 to develop the organization's website using React.js and Next.js.
- Designed and implemented user interfaces with custom animations, ensuring a seamless user experience
- Delivered all assigned tasks on time, contributing to the project's successful completion.
- Rapidly acquired new technical skills, demonstrating adaptability and a strong learning curve.

Projects

• Patient Management System – Backend

Engineered a microservices-based hospital management system using Spring Boot, Docker, Kafka, and gRPC. Developed independent services for Patient Management, Billing, and Analytics. Implemented robust field-level validations, secure RESTful & gRPC APIs, and event-driven communication via Kafka for real-time appointment queue updates and billing triggers. Integrated data analytics for patient flow and revenue insights. Services were containerized using Docker for consistent deployment across environments.

• Hardware Inventory Management System

Developed a full-stack application using Angular, Spring Boot, and MySQL. Implemented CRUD operations and search functionalities. (Monolithic architecture)

• POS System

Created a desktop application with JavaFX, MySQL, and Jasper Report. Features include user authentication, real-time email notifications, and comprehensive reporting tools.

- **Military Defence System Simulation**

Simulated defense units management using Java, Java Swing, and the Observer Design Pattern.

- **Personal Portfolio**

Built a website using React.js and Next.js to showcase projects and skills.

Technologies

- Java, Spring boot
- JavaScript, TypeScript
- PostgreSQL, MySQL
- React.js, Next.js, Angular
- Bootstrap, Tailwind CSS
- Design Patterns
- Git, GitHub, GitLab
- Docker, AWS, Postman
- Swagger, Junit, Vite
- VS Code, IntelliJ IDEA
- Agile, Scrum, Jira
- HTML, CSS, REST API
- Python, C
- Hibernate, SonarLint
- Architectures, EsLint
- Vercel, Figma
- Kafka, JWT
- JPA, OOP concepts

Education

University of Sri Jayewardenepura

Jul 2024 - Jul 2028

Bachelors of Information and Communication Technology (Hons)

Certificates

- **AWS Cloud Practitioner Essentials** Apr 2025
Amazon Web Service
- **Docker Training Course for the Absolute Beginner** Mar 2025
KodeKloud
- **Foundations of Cybersecurity** Nov 2023
Google
- **Amazon Elastic Container Service (AWS ECS)** Feb 2025
KodeKloud