



Waruna Udara Sampath

FULLSTACK SOFTWARE DEVELOPER

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🔗 Portfolio | 🌐 github

Summary

BICT (Hons) undergraduate at the University of Sri Jayewardenepura with hands-on experience developing microservices and full-stack applications using **Java, Spring Boot, React/Next.js**. Eager to contribute backend and cloud expertise to impactful, real-world projects.

Education

University of Sri Jayewardenepura

Jul 2024 - present

Bachelors of Information and Communication Technology (Hons) : CGPA 3.78/4

G.C.E Advanced Level Examination

Technology stream

Etec,SFT,ICT-AAA | Island rank-121 | District rank-09

Institute of Computer Engineering Technology (iCET)

Diploma in Software Engineering

Skills

Languages

Java , Python , C , JavaScript , TypeScript , C#, HTML

Databases & Persistence

MySQL , PostgreSQL , JPA , Hibernate, Flyway

Frameworks & Libraries

Springboot , React.js , Next.js , Angular , Bootstrap ,
Tailwind CSS , JUnit , vite

Tools & Platforms

Git , GitHub , GitLab , Docker , AWS , Postman , Swagger
VS Code , IntelliJ IDEA , Vercel , Figma , Kafka ,
Kubernetes

Architectures , Design Patterns , OOP , REST API

Projects

Patient Management System – Backend

Designed and developed a microservices-based system with independent services for patient management, billing, and analytics, implementing REST APIs, Kafka-driven event communication, and Docker containerization for consistent deployment.

Military Defence System Simulation

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

Beauty of Cloud - event website

Developed a responsive website for Sri Lanka's first student-led Cloud Ideathon, Utilizing Next.js and improved Largest Contentful Paint from 12s to 3.94s for faster load times and better user experience.

POS System

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

Certifications

MySQL Implementation Certified Associate

AWS Cloud Technical Essentials

Docker Foundations Professional Certificate

KodeKloud Kubernetes and Cloud-Native Associate