Ashan Manuka Jayarathna

Full-Stack Engineer | Passionate in DevOps

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Work Experience

Software Developer
Amazoft Pvt Ltd [2024 May - Present]

As full-stack developer contributing to web & stand-alone applications, focusing on development & deployment. Primarily working with Java, Spring-boot, PHP, React, MySQL and ubuntu on DigitelOcean Droplets.

Trainee Software Engineer
Jevigsoft Pvt Ltd [2023 June – 2023 Dec]

Worked as a full-stack developer on live projects during this period, gaining experience in development, deployment, and AWS EC2 instance management.

Full Stack Developer
Self Employment

Freelancing in mobile, desktop, and web application development, while also providing hosting services to clients.

Education

BSc (Hons) Software Engineering
Cardiff Metropolitan at ICBT, Sri Lanka [2024 June – 2025 Aug]

Higher Diploma in Software Engineering
Institute of Software Engineering (IJSE), Sri Lanka [2021 Aug – 2024 Feb]

Diploma in Computer Networking
Alison, Microsoft [Present]

Projects

Learnfi.lk 🔗
Learning Management System

Contributed to this project as a Full-stack developer using **Spring-boot, MySql and React**. Also, I **managed APIs, security, file handling, development server and database in AWS.**

Payroll System

This application has been developed to efficiently manage employee data, Attendance, leaves and payroll of a company. Used Technologies are **Spring-boot, MySql, Jquery**

Tutor-Manager
Tutor Entity Management System

Currently, I'm developing this platform for manage student attendance, performance, payments by tutor. There are two products as web and mobile. I'm developing this using **Spring-boot, JWT, Mysql, react & react-native**. Also using DigitelOcean for cloud

Spring Security 🔗
Practice Project

Developed for practice Spring security concepts. Used **Spring security** configurations, **JWT, Oauth2** and Implemented **Role Based Authentication.**
The front-end developed by **React.**

ChatRoom Application 🔗
Academic Project

This application offers users the ability to open a chat box and engage in conversations with others. All chats are seamlessly connected to a central server, enhancing real-time communication. Used technologies are **Java, JavaFX, socket, threads.**

Location Reminder 🔗
Academic Project (ML)

Centered around machine learning concepts, this application is designed to recommend the optimal stops based on user preferences By strategically placing a few potential stops, the application employs machine learning algorithms to suggest the best available stop. Used technologies are **KNN Model, Python, FastAPI, GoogleMap API, EC2, React-native**

Technical Stack

Languages : Java PHP Python JavaScript
Frameworks : Spring-Boot Spring-MVC React React-native Node ExpressJs Jquery
Database Management : MySql sqlLite MongoDB Hibernate
Cloud : AWS(EC2 , S3) DigitelOcean(Droplet)
Version Control : Github Gitlab
API & Testing : Ajax Axios Fetch Postman
Tools & Other : slack Click-Up Linux(Ubuntu, Kaali) Machine-Learning Docker

References

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