

MOHAMED AMAAN

Software Engineer

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Summary

Driven Software Engineer with 1 year of working experience as a Full-Stack Engineer Intern. Skilled in cutting-edge technologies, Problem solving, and effective communication. Proficient in building applications using Java programming and modern frameworks such as React.js, Next.js, TypeScript, and Spring Boot. Strong Data structures algorithms foundation applied to optimize clean code, deployment, & collaborative innovation. Committed to staying updated with industry trends and delivering high-quality solutions in Agile development environments.

Work Experience

Harriet Pvt Ltd | Colombo 07, Sri Lanka

Feb 2024 - Present

Full Stack Engineer Intern

- Developed cross-platform mobile app using Flutter & Spring Boot backend, cutting maintenance costs by 30% & boosting user retention 20% with seamless performance
- Built web applications using HTML, Tailwind CSS, JavaScript, React.js, Next.js, and TypeScript. Developed mobile applications using Flutter with Spring Boot backend, implementing authentication and troubleshooting issues.
- Collaborated with the development team on multiple projects, following Agile development process.
- Optimized application for speed, scalability, and load using Nginx. Integrated WooCommerce via REST API, enhancing SEO & organic traffic. Managed company servers with AWS Amplify & EC2 for high performance.

Aegis Lanka (Pvt) Ltd | Colombo 02, Sri Lanka

Jan 2020 – Jun 2020

Data Analysis

- Collaborated with the team to streamline workflows and automate 10+ processes, reducing project completion on time.
- Entered and maintained large volumes of data into company databases with a 99% accuracy rate.
- Trained new employees on data entry procedures and best practices, improving team productivity

Projects

Customize Multivendor Harriet Shopping

Harriet Shopping Pvt Ltd

Next js, Woocommerce, Rest API, AWS, Spring boot

2024

- Multi Vendor Marketplace Customize Web application project.
- Fully designed and build a user-friendly frontend using Next.js with tailwind.
- Successfully integrated WooCommerce APIs to streamline product management.

Final Year E-Commerce React Native Mobile Application - GitHub

Nov - 2023

- Created an MERN Stack with E-Commerce featuring two React Native mobile applications (for users and drivers) and an admin dashboard using React.js.
- Utilized Node.js/Express for the backend, database for MongoDB with integrated Stripe for payment processing. and redux for add-to-cart and JWT functionality and state management.

Online Railway Train Booking System - [GitHub](#)

2023

- Comprehensive MERN stack booking system for training sessions, featuring scheduling, booking management, user notifications, and payment processing.
- Integrated third-party APIs for email notifications and payment gateways, ensuring scalability and maintainability with a modular code structure and efficient database design.

Dental Care System - [GitHub](#)

2022

- Managed patient records, appointments, and treatment plans with Core Java.
- Implemented scheduling, medical history storage, and reporting functionalities.

Car Racing Even Management System - [GitHub](#)

2022

- OOP-based Java system for car racing event management, featuring registration, scheduling, and result computation functionalities.

Programming Language & Tools & Technologies

- Java / Javascript
- React js
- Next js
- GitHub / GitLab / Git
- JavaEE
- Flutter / React Native
- MySQL / MongoDB / PostgreSQL
- OOP Concepts
- Mobile Development
- API Postman Testing
- Spring Boot / TypeScript
- Jenkin
- JDBC
- JSP
- Servlet
- Wordpress / Woocommerce
- MERN Stack
- AWS
- REST API
- CI/CD
- Hibernate
- HTML / CSS
- JPA
- JIRA

Education

BEng (Hons) in Software Engineering

Feb 2020 - Jan 2024

London Metropolitan University (UK)

- Grade - First Class Honours

College

Jan - 2006 - Aug 2019

Royal College Colombo 07

Certifications

- Java for Absolute Beginners - UDEMY [May 2024](#)
- Java Complete Spring Boot Course - UDEMY [June 2024](#)

References

Mr. Abdul Malik

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