

RASHMIKA JAYASOORIYA

SOFTWARE ENGINEER INTERN

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)



ABOUT ME

I'm a fresher software engineer seeking an opportunity to start my professional career. I'm eager to apply practical knowledge and contribute to innovative projects. I am proficient in Java development, with a strong foundation in OOP, design patterns, Spring boot, Java EE, and Android development. Additionally, I have experience with PHP, React, and Tailwind CSS, and a basic understanding of Docker. I demonstrate strong teamwork and problem-solving skills, eager to collaborate and lead towards shared success.

EDUCATION

Java Institute, Sri Lanka

Dec 2021 – Aug 2024

Bachelor of Science (Hons) Software Engineering

Degree is offered by Birmingham City University, England

- Degree awarded: August 2024 (Certificate pending)
- GPA: 68.45
- Class: First Class

EXPERIENCE

Freelance Web Developer

Nov 2023 – Jun 2024

- **Customer Survey Application**
Designed, developed, and implemented a customer survey web application for “Ramadia Ran Mal” Holiday Resort, Moratuwa.
Tools and Technologies: HTML5, CSS3, Bootstrap, JavaScript, AJAX, PHP, SQLite, RedBean ORM, GitHub.
- **Loan Management System**
Designed, developed, and deployed a loan management system web application for “IC Loans”. Utilized Agile development methodologies.
Tools and Technologies: HTML5, CSS3, Tailwind CSS, TypeScript, AJAX, PHP, MySQL, GitHub.

- **Rush Tea E-commerce Website**
Rush Tea is a dedicated single-vendor e-commerce platform specializing in the online sale of premium teas. The project aimed to create a seamless shopping experience for customers, from product browsing to secure checkout, while ensuring scalability and maintainability of the platform.
 - Developed a responsive front-end with Next.js for enhanced user engagement.
 - Implemented RESTful APIs using Spring Boot for efficient back-end communication.
 - Designed and managed MySQL database schema for optimal data storage and retrieval.
 - Integrated Stripe for secure online transactions.
 - Enabled user authentication and role-based access control.
 - Optimized website performance for faster load times.
 - Deployed the application using Docker for scalability and ease of deployment.
 - Conducted comprehensive testing to ensure platform reliability.
 - Collaborated on SEO best practices to improve website visibility.

Tools and Technologies: Next.js, Spring Boot, MySQL, Docker, Tailwind CSS, RESTful APIs, Git, VPS (Linux-based), Stripe payment Gateway, Key Cloak.

- **Sultan Raha Bespoke Suits Website**
The Sultan Raha Bespoke Suits project involved designing and developing a high-end WordPress website that reflects the luxury and sophistication of the bespoke tailoring brand. The website was tailored to provide an immersive experience for clients, showcasing the craftsmanship and exclusivity of Sultan Raha's services.
 - Developed a fully responsive WordPress website for seamless user experience.
 - Designed the site to reflect luxury branding, inspired by high-end brands like Rolls Royce.
 - Implemented advanced SEO techniques to boost search engine visibility.
 - Customized themes and plugins to meet client requirements, showcasing bespoke suit designs.
 - Integrated a booking system for easy scheduling of consultations and fittings.
 - Optimized images and media for fast load times without compromising quality.
 - Enhanced performance with caching plugins and optimized database queries.

Tools and Technologies: WordPress, Divi, CSS, HTML, Rank Math SEO, Google Analytics, Image Optimization Tools.

TECHNICAL SKILLS

Languages: - **Java**, **HTML**, **CSS**, **JavaScript**, PHP, SQL

Frameworks: - **Spring Boot**, Java EE, Android, **Tailwind**, **TypeScript**, **React JS**, Next JS

Databases: - **MySQL**, Postgres, Firebase, SQLite

Others: -WordPress, **GitHub**, **Docker**, SEO, Figma

UNIVERSITY PROJECTS

“Flavour Dash” Mobile Commerce Android Application - Full stack

[source code](#)

- Implemented user authentication, item search, menu browsing, cart management, and order tracking notifications. Integrated Google Maps for delivery address selection and developed an admin dashboard for restaurant management
- Tech Stack: Firebase (Authentication, Firestore, Storage, Realtime Database), Google Maps API, Lottie, Material 3, Dhaval2404 Image Picker, Glide, Java, Android Studio.

“New Tech” E-commerce Java Web Application – Full Stack

[source code](#)

- Implemented features for product discovery, shopping cart management, order tracking, invoice generation, and JWT authentication.
- Tech Stack: HTML, CSS, JavaScript, AJAX, Bootstrap, Apex Charts (Frontend); Java, MVC Architecture, J2EE, Jersey, JWT Authentication, Apache Tomcat (Embedded Server), Hibernate (Backend); MySQL (Database); Mail Trap (Email Service)

“E-Restro” Restaurant Management System – Full Stack

[source code](#)

- Implemented features for purchase orders, meal registration, menu creation, customer handling, and report generation. Designed a user-friendly interface with role-specific privileges (Admin, Manager).
- Tech Stack: Java, Swing, Jasper Reports, MySQL.

Smart Urban Traffic Management System – Full Stack

[source code](#)

- Implemented Java SE for simulating IoT device data using Maven.
- Designed a multi-layered architecture with Java SE, EJB, and Maven for data simulation, processing, and visualization. Integrated JMS for communication between the IoT simulation and central server. Utilized Payara Server and SQLite for hosting and data storage.
- Tech Stack: JavaEE, EJB, Maven, Payara Server, SQLite, JMS, Java SE.

“E-Shop” E-commerce Website – Full Stack

- Designed and developed an e-commerce website and hosted in 000 webhost server.
- Tech Stack: PHP, HTML, CSS, JavaScript, Ajax, MySQL

COMMUNICATION

- Sinhala: (Native)
- English: (Intermediate)

REFERENCES

Mr. Achintha Chamara

BSc (Hons) in Software Engineering Senior Lecturer at Java Institute
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