

Rashmika Dhananjaya

130, Horana Road, Wethara, Polgasowita

☎ +94 76 117 5438 ✉ rashmikadhananjaya@gmail.com in rashmika-dhananjaya
🌐 Rash200217

Summary

Driven and adaptable BSc (Hons) Software Engineering student with a strong foundation in full-stack development. Equipped with powerful skill sets including complex problem-solving, effective communication, and organizational skills. Seeking an internship or entry-level position to apply academic knowledge in a practical software engineering environment.

Technical Skills

- **Languages:** Java, C#, PHP, JavaScript
- **Frontend Development:** React, Tailwind CSS, Bootstrap
- **Backend Development:** Spring Boot, Laravel, Express.js, ASP.NET Core
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Tools & Cloud:** Docker, AWS, Git, GitHub

Education

Saegis Campus

BSc (Hons) in Software Engineering

Currently pursuing. Gaining hands-on experience in full-stack development and system architecture.

Nugegoda

Oct 2023 – Present

Mahanama College

G.C.E. Advanced Level Examination

Stream: Arts

Colombo

Jun 2019 – Dec 2021

Negombo South International School

G.C.E. Ordinary Level Examination

Piliyandala

May 2007 – Dec 2018

Software Projects

Phaser 3, C#, ASP.NET Core, PostgreSQL, Docker

Deep Freezer 2D Game | github.com/Rash200217/Deep-Freezer...

Full Stack

- A cloud-connected 2D arcade game utilizing Phaser 3 and TypeScript, developing complex mechanics including a custom in-game level editor, local co-op rendering, and interactive collision physics.
- Architected a secure, scalable backend REST API with ASP.NET Core 10 (C#) and Entity Framework, integrating a serverless PostgreSQL database to manage JWT user authentication, persistent achievements, and global leaderboards.
- Implemented real-time multiplayer state synchronization using Microsoft SignalR WebSockets, and established high-performance data streaming for game telemetry using gRPC-Web and Protocol Buffers.
- Containerized the backend environment using Docker with multi-stage builds to optimize image size, and deployed the decoupled application across AWS App Runner and Vercel to ensure continuous availability and performance.

MERN Stack, Socket.io, Docker

Realtime Chat Web App | github.com/Rash200217/Realtime-chat-web-app

Full Stack

- Developed a Dockerized full-stack Realtime-chat web application with a responsive user interface.
- Implemented a WebSocket API and REST API for seamless data communication.
- Dockerized for easy deployment.
- Features include Realtime messaging, User Authentication and GitHub Actions workflow for automated Docker builds and pushes.

React, Spring Boot, Spring Security, PostgreSQL

Trendora E-Commerce | github.com/Rash200217/Trendora-Ecommerce

Full Stack

- Developed a full-stack fashion e-commerce web application with a responsive user interface.
- Implemented a simple chat bot.
- Implemented a REST API for seamless data communication between the frontend and backend.
- Features include secure user authentication and an admin dashboard.

React, Laravel, MySQL

Creative To-Do App | github.com/Rash200217/todo-app

Full Stack

- Developed a full-stack To-do web application with a responsive user interface.
- It features a stunning Glassmorphism UI.
- Implemented a REST API for seamless data communication between the frontend and backend.
- Features include Task Management, Scheduling, Edit tasks and get alerts for tasks that are due.

PHP, HTML/CSS, JavaScript, MySQL

Templers-Cafe Management System | github.com/Rash200217/thetemplerscafe

Web Application

- Designed and developed a comprehensive system to streamline order processing and billing.
- Provides the table reservation receipt in a pdf format using TCPDF library.
- Created a user-friendly interface for menu management to improve operational efficiency.
- Optimized back-end data handling to ensure efficient system performance.

Employment

Upwork

Freelance Data Entry Clerk

Remote

Feb 2020 – May 2021

- Processed and entered large volumes of data into Excel and Google Sheets.
- Maintained high speed and precision, ensuring data integrity for international clients.
- Demonstrated strong time management and self-discipline in a freelance capacity.

Volunteering & Extra-Curriculars

Member: Rotaract Club of Saegis Campus

Member: Leo Club of Saegis Campus

References

- **K.H. Navoda** – BSc (Hons), MCS, BCS HEQ Dean - Faculty of Computing & Tech, Saegis Campus (*Web: <https://saegis.ac.lk/> Email: deanfct@saegis.ac.lk*)
- **Isuru Wijethunge** – Technical Consultant- IFS - Enterprise Analytics PVT Ltd (Email: isurumantha@gmail.com)