RASHIMA RASANGI

Software Engineer Intern

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Profile Summary

Full Stack Developer with expertise in the MERN stack (MongoDB, Express.js, React, Node.js). Skilled in delivering scalable web applications, developing RESTful APIs, and designing intuitive, mobile-responsive interfaces. Well-versed in relational databases including MySQL and PostgreSQL, with a solid focus on writing maintainable code, designing efficient architectures, and optimizing system performance.

Technical Skills

Programming Languages: JavaScript (ES6+), Python, SQL, HTML5, CSS3
Frontend Development: React.js, Tailwind CSS, Redux, Bootstrap
Backend Development: Node.js, Express.js, RestAPI, GraphQL
Databases: MongoDB, MySQL, PostgreSQL
Cloud & DevOps: Docker, Git, GitHub
Testing & Tools: Postman, Jest, Mocha
Other: Data Structures & Algorithms, Agile/Scrum, System Design, OOP

Projects

Unveil - A Cross Platform Mobile Application for Party Enthusiasts   ⦿ GitHub

- Cross-Platform Mobile App – Built with Flutter and Firebase, using Firestore for real-time event data.
- Event Discovery – Provides users with real-time notifications, search filters, and map views for nearby parties and events.
- Organizer Features – Event organizers can post events, subject to admin approval, ensuring quality and authenticity.
- Web Application – Developed with React (frontend) and Node.js + PostgreSQL (backend) for admin and organizer management.
- Motivation & Impact – Solves the problem of cluttered social media feeds by connecting event seekers and organizers quickly via location-based search.

CtrlRoom - Computer Lab Management System.   ⦿ GitHub

- Lab Resource Management – Engineered a system for efficient allocation, monitoring, and maintenance of computer resources.
- Automation – Automated lab scheduling, usage tracking, and remote system control to improve utilization.
- Admin Dashboard – Built real-time dashboards showing hardware/software health and student activity.
- Secure Operations – Integrated authentication and role-based access control for safe lab usage.
- Technologies Used – React.js, Tailwind CSS, Laravel, MySQL

Mini Projects

GreenCart - Grocery Delivery Website   ⦿ GitHub

- Full-Stack Grocery Delivery App – Built using MERN stack (MongoDB, Express.js, React.js, Node.js).
- Frontend (React + Tailwind CSS) – Users can browse products, add to cart, and place grocery orders online.
- Admin Panel – Manage and upload grocery items through a seller dashboard.
- Backend & Database – Node.js + Express APIs connected with MongoDB to handle products, users, and orders.

Prescripto - Doctor Appoinment Booking System   ⦿ GitHub

- Full-Stack Appointment System – Built using MERN stack (MongoDB, Express.js, React.js, Node.js).
- Multi-Level Authentication – Patients, Doctors, and Admin each have dedicated dashboards with role-based access.
- Patient Features – Book/manage appointments, login securely, and make online payments.
- Doctor & Admin Features – Doctors manage profiles, appointments, and earnings; Admin oversees appointments and doctor accounts.

CarRental – Car Rental Booking App   ⦿ GitHub

- Frontend development – React.js,Tailwind CSS.
- Car Listings – Users can browse available cars with details such as model, price, and images.
- Search & Filters – Implemented UI for selecting pickup location and desired rental dates.
- Booking Flow UI – Designed an interactive reservation process for smooth user experience.
- Admin Dashboard UI – Created frontend screens for adding cars and managing bookings.

Education

Bachelor of Science, Computing and Information Systems   **2023 - Present**
Sabaragamuwa University of Sri Lanka

G.C.E Advanced Level (Physical Science)   **2018 – 2020**
H/Walasmulla National School
Z-score: 1.06

Soft Skills

- Time Management & Organization
- Problem-Solving & Critical Thinking
- Teamwork & Collaboration
- Adaptability & Flexibility
- Communication Skills

Extra Curricular Activities

- Voluteer in Finance Team in Pearlhack 3.0.
- Participate in SHErlock 2.0.
- Participate in ALGOXPLORE 1.0.

Certifications

- Web Design for Beginners   -   CODL UOM
- Fullstack Web Development   -   SimpliLearn.
- ReactJS for Beginners   -   SimpliLearn.
- CSS Course   -   DP Education
- JavaScript Course   -   DP Education
- Node JS Course   -   Udemy