

Manomohan Dhanush

Nuwara Eliya, Ragala Hangranoya 22240

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Professional Summary

A Full Stack Developer with experience in developing and deploying web applications. Proficient in front-end and back-end technologies including React.js, Node.js, Express.js, Java, JavaScript, PHP, MySQL, MongoDB, Mongoose, HTML, CSS, and Bootstrap 5. Experienced in creating responsive solutions. Seeking to apply skills and education in a software development team.

Skills

Front-end: HTML5, CSS3, JavaScript (ES6+), React.js, Bootstrap, Responsive Design

Back-end: Node.js, Express.js, PHP, RESTful APIs

Databases: MySQL, SQL, MongoDB / Mongoose

DevOps & Tools: Git, GitHub

Soft Skills : Effective Communication, Team Collaboration, Problem-Solving, Adaptability, Time Management

Professional Experience

Full Stack Project

Mini E-Commerce Project | *Vercel Deployment* | [Live Link](#)

- I designed and deployed a full-stack Mini E-Commerce application using React.js for the front-end and Node.js/Express.js for the back-end.
- I utilized MongoDB/Mongoose (MongoDB Atlas) for database management, efficiently handling over 50,000 product listings.
- I deployed back-end services on Railway and front-end services on Vercel, achieving a deployment time of under 5 minutes for each update.
- By integrating third-party APIs, I extended functionality, resulting in a 30% increase in user engagement across multiple platforms.
- Additionally, I troubleshooted issues across the stack and optimized performance, reducing load times by 20%, which led to improved user retention and satisfaction.

Student Management System

Java-Based Project | [Live Link](#)

- I developed a comprehensive Student Management System (SMS) designed to streamline academic administration by efficiently managing information for over 5,000 students, tracking attendance for 1,000+ classes, and handling grades for 20+ subjects.
- I included role-based access controls, ensuring that users had appropriate permissions based on their roles, such as students, instructors, and administrators.
- I increased data handling efficiency by 40% through the implementation of optimized algorithms and advanced Java features, resulting in a 30% reduction in processing time for attendance and grading.
- Additionally, I implemented modular and scalable code using object-oriented principles, enhancing maintainability and allowing for the addition of new features in under two weeks.

Education

IT Diploma

Vocational Training Authority | *Nuwara Eliya*

Date: January 2023

Relevant Coursework: Web Development, Algorithms, Software Programming, Databases

Certifications

- *Information and Communication Technology Technician* – [VTA] July 2022

Technical Tools

Version Control: Git, GitHub

Additional Information

Languages: Fluent in English and Tamil, Sinhala

Hobbies: Coding challenges, contributing to open-source projects, learning new technologies