DUMUTHU JAYASINGHE

SOFTWARE ENGINEERING UNDERGRADUATE

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SUMMARY

Aspiring Software Engineer with experience in object-oriented programming, data structures, web and mobile development, and the software development lifecycle. Currently learning the MERN stack. Skilled in JavaScript, React.js, Node.js, and problem-solving. Seeking a Software Engineer Intern role to contribute to projects while learning and growing in a collaborative environment.

PROJECTS

Vehicle Repair Management System (Real world project)
Paint Corner Vehicle Accident Repair Center - Gampaha

- This vehicle repair management handles create estimates, supplementaries, quotations, purchase orders, invoices and generate reports with strong user authentication.
- Technologies - **React.js, Node.js, MySQL, JWT, Docker**
- Frontend - https://github.com/Dumuthu2000/Paint_corner_frontend_new
- Backend - https://github.com/Dumuthu2000/Paint_corner_backend
- URL - https://paintcornersl.com/

Real Estate Web Application

- This real estate web application developed with MERN stack that handles create listings, search listings, upload images, sending emails and role-based user authentication.
- Technologies - **React.js, Node.js, MongoDB, JWT, Redux Tool Kit, Firebase**
- Frontend - https://github.com/Dumuthu2000/real-estate-frontend
- Backend - https://github.com/Dumuthu2000/real-estate-backend

Job Finder Web Application

- This job finder web application handles manage job vacancies, search vacancies and apply selected vacancy for a job seekers with strong role-based authentication
- Technologies - **React.js, Spring Boot, MySQL, Eureka Server, Microservices**
- Frontend - https://github.com/Dumuthu2000/JOB-FINDER-FRONTEND
- Backend - https://github.com/Dumuthu2000/Job-Finder-Backend

Food Delivery Mobile Application

- This food delivery android mobile application handles both admin and customer portal with manage foods, add to cart, checkout orders, sending SMS using a sms gateway and displaying delivery locations from integrating google maps with role-based authentication.
- Technologies - **Java, Android Studio, SQLite**
- Github - https://github.com/Dumuthu2000/Food_Ordering_Mobile_app.git

Point of Sales Management System

- This point of sales management system handles manage product items, generate invoices and display daily income and monthly income with strong user authentication.
- Technologies - Java Swing, Java, MySQL
- Github - https://github.com/Dumuthu2000/Point_OF_Sales_System

EDUCATION

Bachelor in Software Engineering (HND)   **2024-Present**

National Institute of Business Management (NIBM)

- Advanced Database Management Systems   A
- Enterprise Application Development-2   A
- Mobile Application Development   A
- Statistics for Computing   B

Bachelor in Software Engineering (Diploma)   **2023-2024**

National Institute of Business Management (NIBM)

GPA - 3.86

- Object Oriented Programming   A+
- Database Management Systems   A+
- Mathematics for Computing   A+
- Computer Networks   A

G.C.E A/L Examination 2019 | Stream: Technology   **2017-2019**

Bandaranayake Central Collage, Veyangoda

SKILLS

- JavaScript
- Java
- Python
- C#
- C

- React JS
- Node JS
- Express JS
- React-Native
- Spring Boot

- MySQL
- MongoDB
- SQLite
- HTML
- CSS

- Tailwind CSS
- Docker
- Redux
- RESTfull APIs
- Git

- Cloud computing
- AWS
- Firebase
- Microservices

- Data Structures & Algorithms
- Object-Oriented Programming
- Software Design Patterns
- Solid Principles
- Agile Methodologies

- Problem-Solving
- Analytical thinking
- Team collaboration
- Continuous learning
- Debugging

CERTIFICATIONS

- Certificate of Problem Solving (Basic)   *Hackerrank | 2024*
- Certificate of Database Foundation   *Oracle Academy | 2024*
- Certificate of Android Application Development   *Simplilearn Academy | 2024*
- Certificate of MongoDB for Beginners   *Great Learning Academy | 2024*
- Certificate of Python Programming   *University of Moratuwa | DP Education | 2023*
- Certificate of Web Development   *University of Moratuwa | DP Education | 2022*
- Certificate of Advanced English   *British Way English Academy | 2019*

REFEREES

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