Umeshan Chanuka

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Professional Summary

IT student at the University of Moratuwa passionate about leveraging cutting-edge technologies to solve complex problems. Seeking an internship or entry-level position to apply technical skills in a dynamic IT environment.

Education

Institute Of Technology, University of Moratuwa
National Diploma in Technology (Information Technology)   *Expected Graduation: January 2025*
Relevant Courses: Software Development, Web Application Development, Machine Learning, Enterprise Application Development

Royal College, Polonnaruwa
G.C.E. Advanced Level Examination, Mathematics Stream   2019
G.C.E. Ordinary Level Examination   2016

Technical Skills

- **Programming Languages:** SQL, JavaScript

- **Front-End:** HTML, CSS, React, Flutter

- **Back-End:** Node.js, Express.js

- **Databases:** MySQL, SQL Server

- **Other:** Git, Project Management, Communication and Collaboration

Projects

Library Management System
Solo Project, 2023
Developed a Java-based application to manage a library's book collection efficiently. The system allows users to add new books, view available books, and handle book borrowing and returning operations. It features specialized classes for books, users, and library operations, ensuring modularity and scalability. A menu-driven interface simplifies user interaction and enhances usability.

Online Food Ordering Website
Solo Project, 2024
Developed a responsive website for a restaurant to streamline online food ordering. The platform allows users to register, browse the menu, add items to their cart, and complete orders with checkout functionality. Built using HTML, CSS, JavaScript, and MySQL, it features a mobile-friendly design for seamless access across devices. Integrated backend with Node.js and Express ensures smooth data management and order processing.

Stride Smart Mobile App Frontend /Mobile App Backend

Group Project, 2024

Developed and implemented the backend for a cross-platform mobile application as part of the StrideSmart project, an innovative footwear supply chain management system. Designed and integrated features such as GPS tracking, real-time delivery updates, and user authentication, ensuring secure and efficient operations. Leveraged technologies like Node.js, Express.js, and MySQL to optimize system performance and scalability.

Travel Website React App

Solo Project, 2025

This project is a modern, responsive travel website built using React. The application provides users with an intuitive interface to explore travel destinations, view packages, and book their holidays. The website features a dynamic home page with a video background, a fully functional navigation bar, and various sections showcasing travel packages and destinations.

Experience

People's Bank

IT Intern   Nov 2021 – Nov 2022

Conducted data quality assessments and implemented data governance policies, improving data accuracy and compliance.

Certifications

- Introduction to Java, Sololearn

- Introduction to HTML, Sololearn

- Introduction to Machine Learning, Great Learning

Extracurricular Activities

- President, Science Society, Royal College, Polonnaruwa (2017–2019)

- Member, Computer Society, Institute of Technology, University of Moratuwa (2022–present)

Languages

- Sinhala (Native)

- English (Fluent)

References

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