



HASHAN MALINDA

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SUMMARY

Dynamic and skilled Full stack Developer specializing in MERN stack with a strong foundation in data structures and algorithms. Adept at building scalable, high performance web applications with seamless user experience. Experienced in designing, developing and deploying modern cloud-based solutions on Microsoft Azure.

WORK EXPERIENCE

Software engineer - boomerang global ventures pvt ltd.

Aug 2025 - sep 2025

- Developed a backend application using NestJS, MySQL, and TypeORM to manage hotel, room, and booking data.
- Implemented a Retrieval-Augmented Generation (RAG) system using the Google Gemini API and LangChain.js to provide context-aware responses from internal data.
- Created a custom data-ranking algorithm using a weighted-average model to score and sort candidates based on multiple factors (e.g., availability, rating, and price).

Full Stack Developer Intern - Helios pvt ltd

Oct 2024 - Apr 2025

- Developed a custom OTP-based signup system integrated with Firebase and Shoutout API using Next.js.
- Built an OTP verification page for signup forms using php, HTML, CSS and JavaScript.
- Enhanced form usability and document handling.
- Engaged in SQL-related tasks including managing user data, debugging queries, and understanding data relationships.

Full Stack Developer Intern - Cogniata solutions pvt ltd

Jan 2024 - Jun 2024

- Designed and implemented a Python-based financial research assistant leveraging OpenAI's API to provide detailed financial insights and data analysis.
- Successfully deployed Flask and React applications to Azure App Service, ensuring scalability and reliability.
- Developed both backend (Flask, Node.js) and frontend (React.js) components for various web applications.
- Integrated MongoDB for efficient data storage and retrieval within applications.

EDUCATION

Bachelor of Science Honours in Computer Science

Mar 2020 - Oct 2024

University of Kelaniya

PROJECTS

• Travel recommendations web application

A modern AI-powered platform designed to provide personalized travel recommendations and seamless trip planning using NestJs, Next.js, mysql, mongodb and openAI.

- **Employee management system**

A cross-platform mobile application built with React Native for seamless Android and iOS support, powered by a Laravel backend and MySQL database for secure and efficient data management.

- **Email archive query and summarization system**

An advanced, end-to-end solution that empowers users to search, summarize, and analyze large volumes of archived emails through natural language queries and built on Microsoft Azure AI technologies and using React, Tailwind CSS, Flask.

- **E-commerce web application**

An ecommerce platform developed using php, HTML, JavaScript and bootstrap

- **Whatsapp messenger clone**

An interactive web chat application developed using React, Socket.io and Express.js designed for seamless real-time communication

- **Financial research assistant**

A robust, Azure OpenAI-powered solution that automates answering financial queries by integrating advanced RAG architecture with large language models and built using React, mongodb, Express.js and flask.

SOFT SKILLS

Adaptability, Teamwork and collaboration , Time management, Critical thinking, Problem solving

TECHNICAL SKILLS

HTML, CSS, php, JavaScript, Typescript, React.js, Next.js, NestJS, Node.js, Tailwind css, MongoDB, MySQL, Axios, zustand, redux, React Native, Flask, FastAPI, Microsoft Azure, Github Actions, Git, Github, Postman, Docker

CERTIFICATIONS

- **Introduction to Career Skills in Software Development** – LinkedIn Learning
- **JavaScript Essential Training** - LinkedIn Learning
- **React .js Essential Training** - LinkedIn Learning
- **React: Software Architecture** - LinkedIn Learning
- **SQL - The Complete Introduction to SQL programming** - Udemy