

CHANUKA RANDITHA

FULL STACK DEVELOPER

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👤 Chanuka999 🌐 chanuka randitha

SUMMARY

Driven Full Stack Developer with hands-on expertise in the MERN stack (MongoDB, Express.js, React.js, Node.js). Proficient in designing and building scalable web applications, RESTful APIs, and responsive front-end interfaces. Experienced in integrating cloud services, implementing secure authentication, and managing databases.

Known for clean coding practices, problem-solving mindset, and a strong commitment to collaboration and innovation. Passionate about creating user-focused solutions that deliver performance, functionality, and impact in real-world environments.

EDUCATION

Eastern University of SriLanka, Trincomalee Campus <i>Bachelors of Science in Computer Science</i>	06/2023 – Present
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Laxapana central collage Laxapana <i>G.C.E Advanced Level</i>	2021
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SKILLS

Languages Java, JavaScript, TypeScript, PHP	Databases MySQL, MongoDB	Libraries & Frameworks React, Next.js, Node.js, Express.js
BaaS Platforms Firebase, Appwrite	Tools & Technologies Git, GitHub	

PROJECTS

Tour & Travel Booking Website 🌐 <i>Tour & Travel Website</i>	04/2025 – 06/2025
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- Built a full-stack travel booking platform enabling users to explore, book, and manage travel packages worldwide.
- Implemented secure user authentication (JWT), a real-time booking system, and role-based admin functionality for managing packages and user data.
- Designed a responsive and interactive UI using React.js, ensuring smooth user experience across devices.
- Integrated image upload capabilities (Cloudinary/Firebase) and a rating system for user reviews.
- Enabled persistent data storage with MongoDB Atlas and structured backend APIs with Node.js and Express.js.

WhatsApp AI Chatbot

04/2025 – 05/2025

WhatsApp AI Chatbot

- Built an AI-powered WhatsApp chatbot using NestJS and OpenAI's GPT models (GPT-0, GPT-3.5) to handle real-time user queries via WhatsApp.
- Integrated WhatsApp Cloud API to receive and respond to messages through a secure webhook interface.
- Designed a clean, modular backend structure with TypeScript, enabling high testability and maintainability.
- Developed separate modules for OpenAI integration and WhatsApp messaging, and implemented unit tests for key services and controllers.
- Used environment-based configuration for secure deployment and flexibility across dev/prod environments.
- Tools & Technologies: NestJS, TypeScript, OpenAI API, WhatsApp Cloud API, Webhooks, dotenv, Jest

Online Bus Ticket Booking System

04/2025 – 04/2025

React.js + Tailwind CSS Online Bus Ticket Booking System

- Individually developed | React.js + Tailwind CSS Online Bus Ticket Booking System
- Developed a user-friendly bus ticket booking platform using React.js, enabling users to search for routes, check seat availability, and make bookings with ease.
- Implemented secure user authentication and an interactive seat selection system for a streamlined booking experience.
- Designed a responsive UI with Tailwind CSS, ensuring compatibility across desktop and mobile devices.
- Created an admin dashboard for managing bus schedules, routes, and bookings.
- Planned features include backend integration with Node.js & Express.js, MongoDB/MySQL, JWT/Firebase authentication, and payment gateway integration for real-time transactions.
- Tools & Technologies: React.js, Tailwind CSS, Redux (if used), Node.js (planned), MongoDB/MySQL (planned), JWT/Firebase (planned)

Student Result Management System: Web-Based Academic Result

04/2025 – 04/2025

Processing Tool

- Developed a dynamic web application to manage and publish student exam results using HTML, CSS, JavaScript, and PHP.
- Implemented role-based access control (RBAC) with secure login for Admins, Teachers, and Students, ensuring personalized access and functionality.
- Built efficient backend logic for result entry, updates, and retrieval using MySQL, integrated seamlessly via XAMPP.
- Designed a responsive user interface with Bootstrap 5, enhancing usability across devices.

Tools & Technologies: HTML, CSS, JavaScript, PHP, MySQL, XAMPP, Bootstrap 5

student result management system

Next.js + Appwrite + SendBird FullStack Car Marketplace

- Individually developed | Next.js + Appwrite + SendBird FullStack Car Marketplace
- Designed and built a modern car marketplace platform that allows users to buy and sell both new and used vehicles with advanced filtering, listing management, and real-time chat functionality.
- Implemented Appwrite for authentication, database storage, and secure image uploads, and SendBird for integrated real-time buyer-seller messaging.
- Developed dynamic filters for price, brand, model, year, condition, and more, powered by optimized search logic using TanStack Query.
- Created a custom form generator and reusable image upload hook, improving maintainability and scalability of the listing system.
- Used Next.js for full-stack capabilities, TailwindCSS + ShadCN UI for a responsive, modern interface, and deployed via Vercel.
- Tools & Technologies: Next.js, Appwrite, SendBird, React Hook Form, Zod, TailwindCSS, Shaden UI, TanStack Query, Vercel

CETIFICATES

DP Education React Course
[↗](#)

**University of Moratuwa -
web design for biginers** [↗](#)

**University of Moratuwa -
Front-End Web Development**

**University of Moratuwa -
Server-side Web
Programming** [↗](#)

**University of Moratuwa -
Programming in Python - 1.
Python for Beginners** [↗](#)

node js [↗](#)
udemy