

# CHANUKA RANDITHA

## FULL STACK DEVELOPER

✉ chanukaranditha99@gmail.com ☎ +94772849767 ⬇ Nuwara Eliya, SriLanka

👤 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 Sri Lanka, Trincomalee Campus** 06/2023 – Present  
*Bachelors of Science in Computer Science*

**Laxapana central collage|Laxapana** 2021  
*G.C.E Advanced Level*

---

### 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** 04/2025 – 06/2025

*Tour & Travel Website*

- 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 Nest.JS 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 Processing Tool** ☀️ 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

## FullStack Car Marketplace Website ☀

03/2025 – 04/2025

*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

---

## CERTIFICATES

---

**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