ABIMANYU R

Marthandam, Kanyakumari, Tamil Nadu

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Profile Summary

Enthusiastic Full Stack Developer skilled in JavaScript, React.js, Tailwind CSS, Node.js, SQL, and MongoDB. Experienced in building end-to-end E-commerce applications with reusable frontend components, optimized REST APIs, and secure authentication. Proficient in MSSQL stored procedures and Moleculer-based microservices. Passionate about problem solving and continuous learning.

Education

Bachelor of Engineering in Electronics and Communication Engineering
Rohini College Of Engineering and Technology, kanyakumari dist, Tamil Nadu
2021 – 2024

Skills

Frontend: HTML, CSS, JavaScript, React.js, Tailwind CSS
Backend: Node.js, Express.js, Molecular.js, REST APIs
Database: MSSQL Server, MongoDB
Programming: Javascript (ES6+), SQL
Tools: Git, GitHub, GitLab, Postman, VS Code, DigitalOcean, DBeaver, Studio 3T

Professional Experience

Full Stack Developer
BraceBits IT Solutions, Marthandam, kanyakumari dist Tamilnadu   Jan 2025 – Present

- Developed a **full-stack E-Commerce web application** with **role-based user and admin modules**, covering **frontend**, **backend services**, and **MSSQL database**.
- Built a **responsive and scalable frontend** using **React.js** with a clean, **component-based architecture**, creating **reusable UI components** for maintainability and consistency.
- Implemented efficient **state management** using **Hooks**, **Context API**, **Redux**, and **Zustand** for seamless data sharing across components.
- Designed and implemented modern **UI/UX** using **Tailwind CSS** and **GSAP animations**, ensuring smooth rendering and cross-device compatibility.
- Integrated **Formik + Yup** for robust form handling, client-side validation, and improved user input reliability.
- Designed and developed **scalable RESTful APIs** using **Node.js**, supporting both **web and mobile clients**.
- Implemented **multi-operation APIs**, managed **asynchronous workflows** using **async/await**, and built **cron jobs** and **event-driven processes** using **Emitters**.
- Utilized **Redis** for **state management** and **caching** to improve API performance and response times.
- Implemented **authentication**, **input validation**, and basic **security best practices** across application layers.
- Designed, optimized, and maintained complex **Stored Procedures**, **Functions**, and **MSSQL queries**, significantly improving **API and database performance**.
- Conducted thorough **API testing** using **Postman**, including token-based authentication, payload validation, and error handling.
- Performed **end-to-end debugging** and troubleshooting across frontend, backend, and database layers to resolve integration, performance, and data issues.
- Integrated **Firebase Cloud Messaging (FCM)** for real-time push notifications and **Brevo** for automated email workflows.
- Deployed and maintained the application on **DigitalOcean**, managing **server environments**, deployments, and production stability.
- Collaborated with team members to integrate frontend and backend modules and performed basic **performance analysis and optimization**.

Strengths

- Strong problem-solving skills with hands-on experience in full-stack development.
- Quick learner with the ability to understand new systems and architectures.
- Stays calm and focused during development challenges and tight deadlines.
- Communicates effectively with teams and adapts quickly to new tools and workflows.