Deepanshu Melkani

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Summary

Motivated and detail-oriented **Full Stack Developer** passionate about building scalable web and mobile applications. Proficient in the MERN stack and eager to contribute to innovative projects that solve real-world problems. Continuously learning and exploring new technologies to enhance development efficiency and user experience..

Technical Skills

Frontend: HTML, CSS, JavaScript, React.js, React Native, Bootstrap, GSAP
Backend: Node.js, Express.js
Database: MongoDB, SQL
Tools & Platforms: Git, GitHub, Vercel, Render
Programming Languages: C++, JavaScript

Projects

1. College Grievance Management System | MERN Stack   August 2025 - October 2025
– Created an online platform for submitting and resolving academic, hostel, and staff grievances.
– Implemented secure login roles for Students, HODs, Registrar, Warden, and Director.
–Added tracking, escalation, and email status notifications via SendGrid.
– Live Links : Grievance System

2.BusTrac (Driver Tracking App) | React Native + Node.js   August 2025 - October 2025
– Designed a real-time bus tracking mobile app allowing drivers to share live bus locations via GPS.
– Used React Native for frontend and Node.js for REST APIs, integrated with MongoDB Atlas.
– Improved accuracy of updates by implementing location throttling and socket-based updates.
– Live Links : Frontend Admin

3. Saloon Website | MERN Stack   March 2025 - May-2025
– Built a web platform for salon appointment booking and product sales using React.js, Node.js, Express, and MongoDB.
– Developed three modules: Frontend (customer booking), Shop (product buying), and Admin Panel .
– Implemented secure API integration for appointment scheduling and order management.
– Deployed frontend on Vercel and backend on Render, ensuring seamless multi-panel functionality.
– Live Links : Frontend Shop Admin

.4. Food Delivery System | MERN Stack   September 2024 - December 2024
– Created a dual-interface web app (user + admin) for online food ordering and restaurant management.
– Integrated cart, order tracking, and payment simulation with Express and MongoDB backend.
– Enhanced performance using optimized database queries and lazy loading in React.
– Live Links : Frontend Admin

Achievements

– Secured **1st Place** in **Smart India Hackathon (SIH)** at college level for innovative web-based solution design.
– Actively contribute to open-source projects on **GitHub** and maintain a portfolio of professional-grade web apps.

Education

Bachelor of Technology (B.Tech) — *Computer Science*   *2022-2026*
Birla Institute of Applied Sciences