

DARSHAN JAIN

FULL STACK DEVELOPER

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[Portfolio](#) | [LinkedIn](#) | [Github](#)

SUMMARY

Dynamic Full Stack Developer with expertise in building scalable web and mobile applications using modern front-end and back-end technologies. Skilled in React, Node.js, Flutter, and MongoDB, with a proven ability to deliver responsive, user-centric solutions. Adept at integrating APIs, optimizing performance, and collaborating cross-functionally to drive business success.

WORK EXPERIENCE

Web Developer Intern , Elightlabs

Jun 2023 - Jul 2023

- Designed and developed dynamic, responsive web applications using HTML, CSS, JavaScript, and Node.js, achieving seamless cross-device compatibility.
- Integrated RESTful APIs to enhance application functionality and improve performance by 20%.
- Collaborated with cross-functional teams to optimize UI/UX, resulting in improved user satisfaction.
- Utilized Express.js for backend development, streamlining server-side processes and reducing load times.

TECHNICAL SKILLS

- Frontend Development: HTML, CSS, JavaScript, React.js, React Native, Flutter
- Backend Development: Node.js, Express.js
- Databases: MongoDB, SQL
- Programming Languages: Java, Python, C, C++
- API Development: RESTful APIs
- Tools & Technologies: Git, Web Scraping, AI/ML Integration, BLE Technology
- SEO & Optimization: Search Engine Optimization, Web Performance Optimization

EDUCATION

B.E/B.Tech in Information Technology from Vidyalankar Institute of Technology,

Current

- Year of Completion: 2027
- CGPA: 10.0/10.0

Diploma in Information Technology from Vidyalankar Polytechnic

Oct 2021 - Jul 2024

- Aggregate: 92.31%
- Academic Achievements:
 - Ranked 1st in class for 3 consecutive semesters
 - Capstone Project Runner-up

PROJECTS

INNOVEST: Bridging the Gap in the Startup Ecosystem: An Innovative Platform for Collaboration and Investment

Developed a full-stack web and mobile application using React, Node.js, Express, and MongoDB to connect startups with investors and foster collaboration.

Key Features:

- AI-powered chatbot for intelligent user assistance
- Video conferencing integration for seamless communication
- Live streaming capabilities for real-time engagement
- Dynamic news aggregation using web scraping techniques

CodeltUp: Documenting Coding Experiences and Real-World Problem Solutions

Built a full-stack website using React, Node.js, Express, and MongoDB to document coding experiences and share solutions for real-world challenges.

Key Features:

- Rich-text editor with custom styling for enhanced content creation
- Integrated newsletter functionality for audience engagement
- Cross-platform accessibility to ensure optimal performance on various devices

Pothole Detection & Reward System: AI-Powered Crowdsourced Road Maintenance

Developed a React Native app with a Node.js, Express, and MongoDB backend to enable users to report potholes using AI/ML detection. Users are rewarded with public transport credits or vouchers if reports are accepted by city officials.

Key Features:

- AI/ML-based pothole detection from uploaded images
- Points-based reward system for verified reports
- Real-time tracking of report status
- City official dashboard for approval and monitoring

Attendify: Smart Attendance Management System

Developed a Flutter-based attendance system with Firebase to eliminate proxy attendance using advanced authentication and BLE technology.

Key Features:

- Server-side login validation ensures students can only re-login during the next lecture if they log out during an ongoing session.
- Uses device ID verification for enhanced security and authentication.
- Utilizes Flutter BLE technology to scan nearby students from the teacher's device and mark attendance seamlessly.
- Implements a dynamic QR code scanning feature, where the QR code changes every 10 to 15 seconds, preventing misuse and enhancing attendance authenticity.