

VEDANG DHURI

Full Stack Developer — MERN, Next.js & Django | Backend & Real-Time Systems

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PROFESSIONAL SUMMARY

Full Stack Developer specializing in the MERN stack, Next.js, and Django, with a strong focus on backend architecture, real-time systems, and AI-integrated applications. Built RoastRoom, a real-time multiplayer debate platform with GPT-based AI judging and Socket.io-driven live interaction, and SafeCity Hub, a role-based crime reporting and analytics platform. Completed a backend-focused internship at Softmusk Solutions, working with Django, REST APIs, and frontend integration. Diploma in Computer Engineering candidate (MSBTE) with hands-on experience across IoT, applied cryptography, and UI/UX design, and an active open-source contributor with 20+ public GitHub repositories.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java, C, C++, HTML5, CSS3

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Django, Tailwind CSS, Bootstrap, Socket.io

Databases: MongoDB, PostgreSQL, Firebase (Firestore)

Cloud & DevOps: AWS, Render, Firebase Authentication & Storage, Vite

Tools & Platforms: Git, GitHub, Postman, Figma, Android Studio, Arduino

Other Technologies: REST APIs, WebSockets, GPT/AI API Integration, RBAC, AES Encryption, IoT

PROFESSIONAL EXPERIENCE

Software Development Intern

Jun 2025 – Aug 2025

Softmusk Solutions Pvt. Ltd. — Sawantwadi, India

- Completed a 3-month internship applying Django, REST APIs, and frontend integration to real-world systems
- Collaborated across the stack, integrating backend services with frontend components

PROJECTS

SafeCity Hub — Crime Reporting & Analytics Platform

Jul 2025 – Aug 2025

- Developed a multi-user platform for real-time crime reporting and authority monitoring
- Implemented role-based dashboards, live incident tracking, and data analytics to support decision-making

Technologies: Python, Django

RoastRoom — AI-Powered Real-Time Debate Platform

- Built a real-time multiplayer platform where users compete in live debates and roast battles
- Integrated WebSockets (Socket.io) for live multiplayer interaction and GPT-based AI scoring across logic, creativity, and humor

Technologies: Node.js, Express.js, React.js, Socket.io, OpenAI GPT API

Opti-Time — AI-Based Timetable Generator

- Built an automated academic scheduling system that generates conflict-free timetables with constraint handling, batch management, and optimized faculty allocation

Technologies: Python, Django

AES Encryption & Decryption Tool

- Built a Java application implementing AES symmetric encryption for secure data handling

Technologies: Java

Other Projects — CarHub Website Prototype & IoT Mini-Projects

- CarHub: Built a website prototype applying foundational web development and UI/UX skills
- IoT Mini-Projects: Implemented and tested IoT prototypes integrating hardware with embedded logic

Technologies: HTML, CSS, JavaScript, Arduino, C/C++

EDUCATION

Diploma in Computer Engineering

2023 – 2026

Yashwantrao Bhonsale Institute of Technology (YBIT), Sawantwadi — Maharashtra State Board of Technical Education (MSBTE)

SSC (10th Standard)

2022 – 2023

Rani Parvati Devi High School, Sawantwadi — Maharashtra State Board

ADDITIONAL INFORMATION

- AI-Integrated Application Development
- Leadership, Teamwork, Problem Solving, and Communication Skills
- Strong interest in Scalable Systems, Cloud Technologies, and Software Engineering