



Dhanvi Shah

Roll No.: 2311401243

Bachelor of Technology(B.Tech.)

Electronics and communication Engineering

Maulana Azad National Institute Of Technology, Bhopal

+91-9755568759

dhanvishah0711@gmail.com

Dshah0711

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EDUCATION

•Maulana Azad National Institute Of Technology, Bhopal

2023-Present

B. Tech in Electronics and Communication Engineering

CGPA: 9.12

•Shri Gujarti Samaj A.M.N English Medium School

2023

Central Board of Secondary Education , Class XII, Madhya Pradesh

Percentage: 93.8

EXPERIENCE

•Smart India Hackathon 2024 [Certificate](#)

Winner in India's premier innovation competition organized by the Government of India

- Developed an innovative solution for Press General of India to provide the similarity score for the new titles

•Internship - Ministry of Information and Broadcasting, Government of India

Collaborated with government officials to develop automated systems for media title verification and similarity detection.

- Enhanced user interfaces and integrated ML models with backend systems to optimize application performance.

PROJECTS

• SensAI- AI-Powered Career Coach Platform [↗](#)

[Github](#)

Built enterprise career platform using Next.js 15, and integrated it with Google Gemini AI with serverless architecture

- Developed AI-driven assessment engine with adaptive testing, behavioral interview simulation, and personalized career path recommendations generating real-time feedback and improvement strategies .
- Technologies used- Frontend: Next.js 15, TypeScript, Tailwind CSS, Shadcn/ui, Backend: Next.js API Routes, Prisma ORM, Database: PostgreSQL (Neon DB), AI Integration: Google Gemini Pro API, Authentication: Clerk.

• SLIFTEX - A Title Verifier (Smart India Hackathon) [↗](#)

[Github](#)

Developed the front-end and back-end systems, incorporating robust authentication and authorization mechanisms.

- Built a website for the Press General of India helping them to filter new titles based on how lexically, semantically and phonetically close they are to the existing titles.
- Technologies used- Frontend: React, Tailwind CSS , Backend: Node.js, Express.js, FastAPI , LLM Integration: LangChain, OpenAI, Database: MongoDB , Deployment: AWS EC2

• CarePulse- AI-Enhanced Healthcare Management Platform [↗](#)

[Github](#)

Built comprehensive healthcare management system using Next.js 15 and Appwrite with real-time notifications

- Developed patient management system with automated scheduling, secure document handling, and admin dashboard featuring real-time SMS notifications for improved healthcare workflows.
- Next.js 15, TypeScript, Tailwind CSS, Shadcn/ui, Backend: Appwrite (BaaS), Database: Appwrite Database, Real-time Notifications: Twilio SMS API, Authentication: Appwrite Auth, File Storage: Appwrite Storage.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, HTML, CSS, Javascript, Arduino IDE, Typescript

Developer Tools: Git, GitHub, VS Code, Postman

Frameworks/Libraries: React.js, Node.js, Express.js, Tailwind CSS, Bootstrap, Redux(basics), Shadcn , Nextjs

Cloud/Databases: MongoDB, MySQL(Basic), Firebase, Appwrite

Soft Skills: Leadership, Communication, Time Management, Adaptability

Coursework: Digital circuit design, Electronic circuits and devices, DSA ,OOPS

Areas of Interest: Competitive Programming, Full-Stack Development, AI/ML, Problem Solving

POSITIONS OF RESPONSIBILITY

•Women In Engineering secretary IEEE MANIT Student Branch

April 2025 - Present

- Organized Samwad, a flagship event celebrating women in STEM, fostering networking and knowledge exchange .

ACHIEVEMENTS

• Winner at Smart India Hackathon 2024 : Achieved top position among the top five teams of india .

• Competitive Programming: [CodeForces](#)(max-rating 1252), [CodeChef](#)(max-rating 1601),

• Semifinalist inter NIT Hackathon : Developed an AI-based fraud detection system [↗](#)

• Finalist IEEE Samvad : Ideathon to empower women in engineering [↗](#)

• Leetcode : Earned 5 achievement Badges on [Leetcode](#)