



## Dhanvi Shah

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Bachelor of Technology(B.Tech.)

Electronics and communication Engineering

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📌 Dhanvi Shah

## 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

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

– 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, Architecture: Serverless full-stack with type-safe development

– Developed AI-driven assessment engine with adaptive testing, behavioral interview simulation, and personalized career path recommendations generating real-time feedback and improvement strategies .

### •SLIFTEX - A Title Verifier

🔗 Github

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

– Technologies used- Frontend: React, Tailwind CSS , Backend: Node.js, Express.js, FastAPI , LLM Integration: LangChain, OpenAI, Database: MongoDB , Deployment: AWS EC2

– 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.

### •CarePulse- AI-Enhanced Healthcare Management Platform

🔗 Github

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

– Frontend: 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, Architecture: Full-stack serverless with type-safe development

– Developed patient management system with automated scheduling, secure document handling, and admin dashboard featuring real-time SMS notifications for improved healthcare workflows.

## 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:** Problem Solving and Competitive Programming , Full-Stack Development

## 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:** CodeChef: 3-stars (Peak Rating: 1601) , Codeforces: Pupil rank (Peak Rating: 1250).

•**Leetcode:** Earned 5 achievement Badges on Leetcode demonstrating proficiency in data structures and algorithms.

•**Inter NIT cybersecurity Hackathon :** Selected among top 15 teams from all the NITs