

# HARSH GAJJAR

Ahmedabad, IN

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## Profile Summary

- Software developer building scalable cloud-native platforms and APIs with React, Next.js, Node.js, FastAPI, Flask.
- AI/ML engineer building agentic systems, predictive models, and NLP evaluation tools with end-to-end automation.
- Exploring cloud infrastructure, CI/CD, and DevOps to deliver impactful AI-driven solutions and foster growth.

## Relevant Coursework

- |                        |                       |                       |                   |
|------------------------|-----------------------|-----------------------|-------------------|
| • Machine Learning     | • Database Management | • Systems Programming | • Data Structures |
| • Software Engineering | • Computer Networks   | • AR & VR Systems     | • OOPs            |

## Experience

### HiDevs

Mar 2025 – June 2025

#### Software Developer Intern

San Francisco, California, US (Remote)

- Designed and deployed scalable APIs with Node.js, MongoDB, and AWS, reducing latency by 30% for 2,500+ users.
- Built React and Next.js dashboards, global leaderboards, and personalized roadmaps, increasing engagement by 80%.
- Mentored junior developers on Node.js and system design practices while collaborating with cross-functional teams.

### Information Retrieval Lab, DA-IICT

May 2025 – Jul 2025

#### Software Developer (Freelance)

Gandhinagar, Gujarat, IN

- Built a full-stack machine translation platform with React, Vite, and Supabase for BLEU and NLP metric evaluations.
- Developed secure REST APIs, dashboards, and cloud deployment using PostgreSQL and system design principles.
- Collaborated with IR researchers to align platform features with academic and research goals.

## Projects

### HIA (Health Analysis Agent) (200+ users) | Python, Streamlit, Supabase, Groq, Llama-3, PDFPlumber



- Built an AI-powered healthcare platform, processed 300+ medical reports for 200+ users via multi-model architecture.
- Integrated context learning, secure auth, session management, and rate limiting for privacy and controlled access.
- Implemented robust PDF parsing up to 20MB for seamless extraction and analysis of clinical data.

### Portfolio | Next.js, TypeScript, Discord Webhooks, RSS Parser, Hashnode APIs, shadcn/ui, Tailwind, Zod



- Utilized Discord Webhook for real-time notifications and integrated shadcn/ui for a polished user interface.
- Implemented web scraping using RSS Parser for tech news and configured DNS for the custom domain harshgajjar.xyz.
- Developed a responsive, clean, modern design to showcase professional experiences, skills, projects and blogs.

### SpringTalk - AI Powered ChatApp | React Native, Expo, Firebase, Cloudinary, Babel, Gradle, Jest



- Implemented the Atomic Design Pattern and followed the MVC architecture for modularity and cleaner codebase.
- Implemented real-time data handling and authentication using Firebase, ensuring responsive user interactions.
- Integrated Gemini API in the chat to allow users to enhance their messages or ask queries in just one tap.

## Technical Skills

**Languages:** C, C++, Python, JavaScript, TypeScript, SQL, HTML/CSS, Verilog

**Developer Tools:** Git, GitHub, Postman, pgAdmin, VS Code, Android Studio, Cursor, MATLAB, Jupyter Notebook

**Frameworks:** Next.js, Node.js, Express.js, FastAPI, Flask, React, React Native, Vite, Tailwind CSS

**Machine Learning & Data Science:** TensorFlow, Keras, Scikit-learn, NumPy, Pandas, Matplotlib, Seaborn, Streamlit

**Cloud/Databases:** AWS, Docker, Redis, Supabase, Firebase, MongoDB, PostgreSQL, Vercel, Railway, Render, Cloudinary

## Education

### Dhirubhai Ambani Institute of Information and Communication Technology

Oct 2022 – Present

Bachelor of Technology

Gandhinagar, Gujarat

## Leadership

### Hostel Management Committee, DA-IICT

Feb 2025 – Present

Core Member

DA-IICT

### Google Developer Group on Campus, DA-IICT

Feb 2023 – Jul 2025

Core Member

DA-IICT

## Achievements

- Won the global **Streamlit Connect Challenge** with Project HIA, earning official Streamlit swags.
- Won the internal **DA-IICT hackathon** for **Smart India Hackathon (SIH)** and advanced to the national round.
- Orchestrated and led DA-IICT's first flagship tech fest, **Dev-o-lution**, with 500+ students from across India.
- Project HIA received **80+ stars** and **35+ forks** on GitHub, showcasing its impact and developer interest.