

# ANISH SHETTY

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## Education

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**Dwarkadas J. Sanghvi College of Engineering**

**Nov 2022 – May 2026**

*B.Tech. in Information Technology - 8.7*

*Mumbai, IN*

## Experience

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**Smowcode**

**Jun 2025 – July 2025**

*Server Developer Intern*

*Remote*

- Integrated the **STM32 toolchain** into Docker to enable seamless cross-platform builds.
- Reverse-engineered and documented the **STM32 build process**, including C-to-binary conversion, toolchain setup, and command structure for efficient firmware compilation.
- Served as the **volunteer lead**, coordinating with the manager and acting as a communication bridge with other interns to ensure smooth task delegation and progress tracking.

**DigiGlobe Solutions**

**Jul 2024 – Aug 2024**

*Web Developer Intern*

*Remote*

- Collaborated in an Agile team to develop responsive UI components, including navbars and landing pages using React.js and Tailwind CSS, transforming to a **100% responsive design**.
- Ensured cross-browser compatibility and responsive design using Tailwind CSS, enhancing user accessibility on desktop, tablet, and mobile platforms.

## Projects

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**SafeBites Github Video | *Next.js, React Native Expo, Supabase***

**Mar 2025**

- Built a full-stack web and app that scans packaged food labels to **detect allergens** using OCR and fuzzy matching.
- Used EasyOCR to extract text from product images and RapidFuzz to match inaccurate OCR output with the closest product in the ingredient dataset.
- Developed a smart search bar to manually find food products, serving as a fallback when OCR results are unclear reducing scan failure rate by 40% and **cutting user search time**.

**Groq-Powered Real-Time Chat App Github | *React.js, FastAPI, Groq***

**June 2024**

- Built a full-stack real-time chatbot using WebSockets and Groq's LLM API, enabling token-level streaming responses for a ChatGPT-like user experience.
- Implemented frontend state management with Zustand and stored chat logs in SQLite using SQLAlchemy for persistent and queryable conversation history.

**Vani: Speech Disorders Interventions App Video | *Flutter, FastAPI***

**Nov 2023**

- Developed the **world's 1st Hindi speech therapy app** for articulation disorders, tailored for native language learners.
- Built a pronunciation feedback system using microphone input analysis as a substitute for traditional speech therapy.
- Integrated **3D tongue and lip articulation animations** to enhance speech correction accuracy and user engagement.

## Achievements

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- **Winner, 5+ Hackathons**– Secured top positions among 500+ teams.
- **Smart India Hackathon 2023** - Winner from over **200+ teams** for solving a government-backed problem.
- **6 Lakh Grant Recipient** - Funded by IIC YUKTI for a speech sound disorders app.

## Skills

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**Languages:** C++, Java, JavaScript, SQL

**Technologies/Frameworks:** Node.js, React.js, Next.js, Figma, GitHub, Git, PostgreSQL

**Soft Skills:** Teamwork, Communication, Pitching and Storytelling

## Co-Curricular Activities

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**DJSCE E-Cell**

**Aug 2024 – Jun 2025**

*Co-Chairperson*

- Led the organization to DJSCE's first-ever **3-day Inter-College E-Summit**, attracting **1000+ participants**.
- Played a key role in establishing the of **DJSCE Incubation Center** along with peers.
- Hosted **podcast episodes** featuring college alumni entrepreneurs amassing 5k+ views.

**The Feline Foundation**

**Nov 2023 – Present**

*Volunteer*