

MONIL MEHTA

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EDUCATION

Bachelor of Technology (B.Tech) in Computer Engineering — CGPA: 9.53/10

2022 – 2026

SVKM's Dwarkadas J. Sanghvi College of Engineering

Mumbai, India

Relevant Coursework: Data Structures, Computer Networks, Database Management, Operating Systems

EXPERIENCE

Founding Engineer – Zenfru AI

May 2025 – Present

- Engineered and deployed an AI voice agent backend using **Agentic AI**, **ElevenLabs**, and REST APIs, leading to **0% missed calls** and **80% appointment conversion** for clinics outside operating hours.
- Created two websites using **Next.js**: a landing page for lead generation and a product demo for showcasing the solution.
- Collaborated directly with **US-based dental clinics**, successfully shipping an MVP that secured **1 pilot**.

Software Developer Intern – Mscot System Pvt Ltd

Jan 2025 – Mar 2025

- Developed Python-based Aadhaar Photos storage optimization algorithms, later converted to C#, reducing file size by **70%** (JPEG to TIFF: 7MB → 2MB, JPEG to PDF: 2.5MB) for improved cloud storage efficiency.
- Upgraded an outdated Angular codebase to v19 and added new modules for form-based data intake into the database.

QA and Test Automation Intern – Intermind Digital LLP

Jun 2024 – Sep 2024

- Automated **25+ scripts** in Python using Selenium WebDrivers, reducing regression testing time by **20%**.
- Executed manual test cases for MySENCO Gold and Tata ELXSI applications, improving usability scores and reducing dev time by **15%**.
- Designed an internal tool with an interactive dashboard for organizing, creating, and tracking various test cases.

PROJECTS

Songfer *Next.js, Django REST, Redis, Celery*

[\[Live\]](#) [\[Github\]](#) Apr 2025 – May 2025

- Developed **Songfer**, a music and playlist downloader supporting high-quality downloads with cover art and metadata.
- Implemented Redis caching and async download queues, **reducing backend load by 30%** and **speeding downloads**.
- Devised a **KMeans-based recommendation engine** using user listening patterns, improving engagement **25%**.

Lingual Expo, *Flask, MongoDB, YOLO-World, Whisper v3*

[\[Live\]](#) [\[Github\]](#) Feb 2025 – Apr 2025

- Built a mobile app supporting **10+ languages**, enabling real-time translation, object detection, and educational tooling.
- Integrated **YOLO-World** for object detection and **Whisper v3** for transcription, increasing performance by **50%**.

SocialFlow *Next.js, Node.js, MongoDB, WebSockets, AWS S3*

[\[Live\]](#) [\[Github\]](#) Feb 2025 – Apr 2025

- Crafted a full-stack social media platform with user CRUD, group chat, and interactive posts.
- Designed a mobile-responsive frontend in Next.js with Axios interceptors, **reducing client-server latency by 35%**.
- Boosted engagement by **30%** via S3 media uploads, hashtag search, and a **graph-based recommendation system**.

More Projects: [MoneyOverflow](#), [Invoice Management](#), [QuillSpace](#), [NurtureNest](#), [ComicConnect](#)

EXTRACURRICULARS

DJ Unicode — Full Stack Django Mentor → Core Member

Oct 2023 – Present

- Progressed from mentee to **core member**, actively contributing to full-stack projects, leading initiatives, and teaching.
- Mentored **6+ juniors** in Django, DRF, and ReactJS; effectively assigning tasks, reviewing, and guiding diverse projects.
- Successfully hosted a **Git workshop (60+ attendees)** and **tech orientation**, boosting hands-on learning and prep.
- Led a team of **10 juniors** to build a live **book marketplace platform**; previously built a college **notes sharing platform**.

College to Corporate Program — **JPMorgan Chase & Co.**

Mar 2024 – Present

- Selected for JPMorgan Chase's prestigious **College-to-Corporate** program; trained in **frontend development, cloud computing, DevOps, and agile practices** through monthly sessions with industry leaders.
- Participated in mentorship sessions, leadership talks, and real-world case studies to apply advanced engineering principles.

Hackathons and Open Source

- Completed **Hacktoberfest 2024** with **9 high-quality PRs** across diverse open-source repositories.
- Participated in **10+ hackathons**, including **1 runner-up finish** and finalist positions in **2 events**.

SKILLS

Languages: C++, Python, JavaScript, C, SQL, TypeScript, Java

Frameworks & Libraries: Next.js, React.js, Node.js, Express.js, Django, NumPy, Pandas, Scikit-Learn, OpenCV

Databases: MongoDB, PostgreSQL, MySQL, Supabase

Tools & Technologies: Git, GitHub, VS Code, Docker, AWS (EC2, S3), Vercel, Postman, Selenium