

NINAD NAIK

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EDUCATION

Bachelor of Engineering (Information Technology)

University of Mumbai — Thadomal Shahani Engineering College, Mumbai

December 2021 - June 2025 (*Expected*)

CGPA: **8.729 / 10**

SKILLS

Languages: C, C++, Java, Python, JavaScript, Bash

Frameworks: Next.js, Node.js, Express.js, Flutter

Libraries: React Query, Redux

Web: HTML, CSS, Tailwind CSS, React.js, TypeScript

Databases: MySQL, PostgreSQL, MongoDB, Cloud Firestore

Platforms & Tools: Linux, Docker, Git, GitHub, AWS, Firebase

WORK EXPERIENCE

Full Stack Developer Intern, Arxena Inc. (arxena.com)

June 2024 - July 2024

- Improved efficiency of the recruitment process by enhancing existing pipeline and developing a **GPT-powered WhatsApp chatbot** in **NestJS, WebSocket API, GraphQL and React.js**, streamlining communication with candidates.
- Managed, Optimized and Deployed applications running on **AWS EC2 and S3**, reducing costs and improving reliability.

Information Technology Intern, Kraymera Study Abroad (kraymera.com)

June 2023 - September 2023

- Implemented the **CRM systems and processes** using Zoho and developed **WhatsApp Business API automation** using the Deluge scripting language, boosting the lead nurturing process and the conversion rate.
- Installed and configured **Cent OS (Linux) on a server**, configured **networking devices, GSM gateway and CTI software** for telecommunications leading to increase in customer acquisition.

PROJECTS

FireSense, Python, YOLOv8, Flask, Flutter, Firebase Cloud Messaging | ([GitHub](#))

March 2024

- Developed a **Computer Vision CCTV system** to detect fire at an early stage in real-time and alert the user through a mobile application.
- Trained a **YOLOv8 model** on a custom dataset consisting of around **2400 labelled images** in the YOLO format.
- Achieved **Precision of 88%** and **Recall of 79%** along with **87% Mean Average Precision** at an IoU threshold 0.5.

CodeIt, React.js, Node.js, Firebase, Docker, Amazon Web Services | ([Website](#), [GitHub](#))

October 2023

- Developed a **full-stack specialized online coding platform** designed for instructors to establish groups, post coding challenges, and oversee learners' solution submissions. Designed and built an intuitive dashboard for learner and instructors, integrated code editor and analysis dashboard.

SpeakSure, Python, Librosa, scikit-learn, Kivy, MongoDB | ([GitHub](#))

April 2023

- Led a team in the creation of an **AI Public Speaking Practice app**, with a primary focus on analyzing speech metrics such as **filler words, speech pace, and confidence levels**. Won 3rd prize in PyExpo 2.0 Hackathon.
- Played a crucial role in implementing **speech-to-text transcription and training the AI model**.

PassVault, Java, Swing, SQLite, Netbeans ([GitHub](#))

December 2022

- Created a **Password Manager app for desktop** leveraging SHA-256 hashing and AES encryption for robust security.
- Secured **2nd prize in Javagenix Hackathon** for its innovative approach to password management and ease of use.

ROLES OF RESPONSIBILITY

Responsible Computing Fellow, SimPPL (simppl.org)

March 2024 - June 2024

- Contributed to the front-facing **kitchen website of SimPPL** ([link](#)) displaying information about ongoing research in the organisation. Built a dynamic UI for displaying the research information pages with **Next.js and Material UI**.

App Team Member, Developers' Club - TSEC ([LinkedIn](#))

March 2023 - March 2024

Core Team Member, Google Developer Student Clubs - TSEC ([Website](#))

August 2022 - April 2024

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITY

- First Runner Up — CSS Battle** among **100+ participants**, CSI TSEC. September 2022
- First Runner Up — Javagenix** (Java Project Hackathon) among **30+ teams**, IT Department, TSEC. October 2022
- Second Runner Up — PyExpo 2.0** (Python Project Hackathon) among **30+ teams**, IT Department, TSEC. April 2023
- Secured a position in the **Top 10** among **53 teams** in ACE Hacks 1.0, ACE Mumbai. March 2024
- Organizer of **GeekSpace** Tech Community ([Website](#)) of **480+ members** helping people get into tech.
- Solved **200+** Data Structures and Algorithms problems on **Leetcode, Codeforces** and other platforms.