

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: **8.78 / 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 Engineering Intern, Arxena (arxena.com)

June 2024 - Present

- Developed backend services using NestJS and an AI-powered WhatsApp chatbot, enhancing user interaction and automation.
- Implemented DevOps practices using AWS services to streamline deployment and to improve system 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 doubling (2x) the lead conversion rate.
- Installed and configured **Cent OS (Linux) on a server**, configured **networking devices**, **GSM gateway and CTI software** for telecommunications, leading to an impressive 80% increase in customer acquisition.

PROJECTS

Kisaan Setu, *React.js, Node.js, Express.js MongoDB, Docker, Redux, Tailwind CSS, Leaflet* | ([Website](#), [GitHub](#)) February 2024

- Developed a **full-stack web application** to facilitate farmers and sellers to buy and sell crops, seeds, fertilizers, and equipment, detect and cure crop disease and connect with other sellers in the region through a map.
- Implemented key features - Online Marketplace, AI-driven Crop Disease Detection and Cure suggestion using Gemini API, Interactive Map using Leaflet and a Complaint Registration portal.

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.
- Developed a feature enabling instructors to **create and submit custom coding questions along with test cases**, or select from a library of existing questions. Additionally, implemented a **dedicated practice portal** for learners.

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**.
- Played a crucial role in implementing **speech-to-text transcription and training the AI model**.

ROLES OF RESPONSIBILITY

Responsible Computing Fellow, SimPPL (simppl.org)

March 2024 - Present

- Contributed to the front-facing **kitchen website of SimPPL** 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.