

NINAD NAIK

✉ ninadnaik07@gmail.com ◇ [in /ninadn](https://www.linkedin.com/in/ninadn) ◇ [G /ninadnaik10](https://github.com/ninadnaik10) ◇ [G ninadnaik10.github.io](https://ninadnaik10.github.io)

EDUCATION

Bachelor of Engineering (Information Technology)

University of Mumbai — Thadomal Shahani Engineering College, Mumbai

December 2021 - June 2025

CGPA: **8.51 / 10**

WORK EXPERIENCE

SDE Intern (Backend), *Commotion* (gocommotion.com)

January 2025 - Present

- Developing **scalable back-end services** for the integration platform using **NestJS and GraphQL**, prioritizing high performance and maintainability along with **unit and integration testing**.
- Implementing **RESTful APIs and GraphQL resolvers** to seamlessly integrate third-party applications, enhancing customer interaction workflows and data synchronization.

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

June 2024 - July 2024

- Improved efficiency of the recruitment process by enhancing the 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**, reducing costs and improving reliability.
- Migrated core and active services between AWS accounts, **maintaining configuration integrity** and **minimizing service disruption**.

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

June 2023 - September 2023

- Developed and implemented a **CRM system** with **automated WhatsApp Business API processes** using Deluge scripting, deploying CentOS server and configuring networking devices and GSM gateway to drive an increase in lead conversion and enhance customer acquisition strategies.

PROJECTS

Shortomega, *Next.js, NestJS, TypeScript, Redis, Docker* | ([Website](#), [GitHub](#))

October 2024

- Developed a **Full Stack URL Shortening App** that generates short URLs for long URLs, with a focus on performance.
- Published a [technical blog](#) describing the methods of using **Redis as a Primary Database**.
- Implemented **Rate Limiting, Caching and Analytics** features using Redis, and **Dockerized** the application for easy deployment. Leveraged Next.js **Server Side Rendering** for fast webpage load at client side.

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 using MLPClassifier**.

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.
- Developed password generation, creation and deletion features. Secured **2nd prize in Javagenix Hackathon**.

SKILLS

Languages: C, C++, Java, Python, JavaScript
Frameworks: Next.js, Node.js, Express.js, NestJS
API: REST, GraphQL

Web: HTML, CSS, Tailwind CSS, React.js, TypeScript
Databases: MySQL, PostgreSQL, MongoDB, Cloud Firestore
Platforms & Tools: Linux, Docker, Git, GitHub, AWS, Firebase

ROLES OF RESPONSIBILITY

Responsible Computing Fellow, *SimPPL* (simppl.org)

March 2024 - June 2024

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 **250+** Data Structures and Algorithms problems on **Leetcode, Codeforces** and other platforms.