Nilay Sabnis

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EXPERIENCE

Technical Team Member October 2023 – February 2025
GDSC SRMIST Ramapuram *Chennai, Tamil Nadu*
- Worked in a cross-functional team to develop full stack websites using multiple Web frameworks.
- Learned about version control and management of projects using Git.
- Promoted Competitive Programming culture in the campus.
- Took seminars on technical topics in both online and offline events.
- Experienced leading a team and planning events effectively

Assistant Community Manager(Admin) April 2024 – September 2024
Cinkod Developer Community *Chennai, Tamil Nadu*
- Experienced the functioning of a company on a larger-scale, corporate setting.
- Learned how to assess and interview potential recruits to a team.
- Learned how to manage and divide work, deadlines and manpower in a company.

School for life Coordinator September 2024 – November 2024
SRMIST Ramapuram IIE Center *Chennai, Tamil Nadu*
- Laid out a structured plan for a University program

EDUCATION

SRM Institute of Science and Technology August 2023 - May 2027
B.tech in Computer Science and Engineering *Chennai, Tamil Nadu*

The Bishop's School, Camp August 2009 - May 2023
ICSE, ISC *Pune, Maharashtra*

PROJECTS

Forumeong | *Spring Boot, Maven, React, Firebase* | github.com/forumeong August 2024 – Present
- Developed a Forum using Spring Boot to create an API for a complete CRUD app.
- Used Firebase for client-side Authentication.
- Implemented Firestore Database for storing data.
- Published a Docker Image to deploy on Render.
- Set up a CI/CD Pipeline to push the Docker image and redeploy on every commit.

Flake | *C, SDL2* | github.com/flake December 2024
- Made an Interpreter for the Chip-8 platform
- Used Standard C for the main logic
- Implemented opcodes that exist on the original Chip-8 Virtual Machine.
- Used SDL2 for screen, keypad and timer interactions.

Contactbook | *Express, Node.js, React, MongoDB* | github.com/contactbook April 2024 – June 2024
- Used Figma and React to help visualise, setup and build the frontend.
- Used Express with Node.js to setup a REST API to connect to client and MongoDB.
- Deployed the webpage on Render.

Fern | *React, Tauri, EpubJS, Vite* | github.com/fern January 2025 - Present
- Used Tauri to build a Cross-platform, Webkit based E-Book Reader
- Used React for rendering the UI

SKILLS

Languages: Java, Python, C/C++, JavaScript, PostgreSQL
Frameworks and Libraries: React, Express/Node.js, Spring Boot, Tauri, Mantine, Material-UI
Developer Tools: Git, Firebase, MongoDB, Maven

ACHIEVEMENTS

Top 5 at HackVerse 2024: Worked on a project that qualified as Top 5 products built using the 'Aptos Platform'