

# Nilay Sabnis

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## EXPERIENCE

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### 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

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### SRM Institute of Science and Technology

*B.tech in Computer Science and Engineering*

August 2023 - May 2027

*Chennai, Tamil Nadu*

### The Bishop's School, Camp

*ICSE, ISC*

August 2009 - May 2023

*Pune, Maharashtra*

## PROJECTS

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### Forumeong | *Spring Boot, Maven, React, Firebase*

Sunset-06/Forumeong

- 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*

Sunset-06/flake

- 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*

Sunset-06/Contactbook

- 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*

Sunset-06/fern

- Used Tauri to build a Cross-platform, Webkit based E-Book Reader
- Used React for rendering the UI

## SKILLS

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**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

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