

# Prince Sharma

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## EDUCATION

### Master of Computer Applications

National Institute of Technology, Bhopal · Bhopal, IN · 2025

### Bachelor of Science, Electronics (Hons.)

University of Delhi · Delhi, IN · 2020

## EXPERIENCE

### Intern (Technical Engineering)

October 2024 – June 2025

Synopsys Inc., Bengaluru, Karnataka, India

- Developed a web application using Python, FastAPI, Next.js, and D3.js to streamline the team's workflow, enhancing efficiency.
- Designed and implemented Python scripts and algorithms to automate tasks, and optimizing workflow processes.
- Worked in a Linux environment, utilizing Git, Unix utilities, and shutil for development, version control, and system operations.
- Worked closely with mentors and coaches, proactively exploring new ideas to drive impactful automation improvements.

## PROJECTS

### CLC3.tech - Combining Codeforces, Leetcode & Codechef

January 2024 – June 2024

[Next.js](#), [React](#), [TypeScript](#), [Python](#), [Docker](#), [EC2](#), [AWS Amplify](#), [RDS](#), [MySQL](#), [Postman](#), [Github Actions](#)

- More than 60 students use the live website (clc3.tech), with numbers continually increasing. It constantly grabs and updates information like ratings, submissions, and rating changes, etc. from Codechef, Codeforces, and Leetcode to one platform.
- Implemented a token-based verification system to verify coding profile IDs for 10+ users. Utilized Beautiful Soup for web scraping and the API to populate data in a MySQL database, featuring leaderboards and the ability to follow friends.
- Deployed on AWS Amplify and the script is made to run in a Docker container in EC2 instance.

### CodeBuddy - Connect with Fellow Coders

June 2023 – September 2023

[Django](#), [Python](#), [AWS Lambda](#), [MySQL](#), [Postman](#), [S3 Bucket](#), [RDS](#)

- A platform for coding learners looking for code buddies with similar goals to connect and discuss.
- Users can chat and message, create rooms, register, sign in, create, manage their profiles and search rooms.
- Developed Web API using Django REST Framework for third party flutter app to access and update the database.
- Deployed on AWS lambda with the help of Zappa to build and deploy server-less, event-driven Python applications

## SKILLS

Languages: C/C++, Typescript, Python, SQL

Web Frameworks: Next.js, Gatsby, Django, Tailwind CSS

Libraries: Zappa, React, BeautifulSoup, Selenium

Development Tools: Git, Github, Vim, Github Actions

Cloud Computing Services: AWS, AWS Amplify, S3 Bucket, Lambda, EC2, RDS

Others: Prisma, Docker, Linux, Notion, Airtable, MySQL

## ACHIEVEMENTS

- Smart India Hackathon Grand Finalist.
- Ask Notion API GPT used over 1000+ times on ChatGPT store.
- Invited talk in VIT Bhopal on Notion attended by more than 100 students.
- 600+ Coding problems solved, Codeforces (Rating: 1316 @princesharma74), Codechef (Rating: 1700 @princesharma75), Leetcode (Rating: 1630 @princesharma74)
- Published 3 research papers in two international journals.

## ROLES & RESPONSIBILITIES

### Notion Template Creator & Campus Leader

May 2023 – Present

Notion Labs Inc. (notion.so)

### President

June 2019 – June 2020

SPIE, International society for Optics and Photonics (spie.org)