

# Satyam Sagar

Portfolio: <https://satyamrs00.github.io>

Github: <https://github.com/satyamrs00>

Leetcode: <https://leetcode.com/satyamrs00>

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## EDUCATION

- Indian Institute of Information Technology** Bhopal, India
  - Bachelor of Technology - Information Technology; GPA: 9.35/10* December 2021 - June 2025
  - Courses: object-oriented design, algorithm design, data structures, problem solving, and complexity analysis*

## EXPERIENCE

- GreyFeathers** Dec 2022 - present
  - Frontend Developer Intern*
  - Worked on 3+ projects at various stages. Integrated the UI with server APIs using **React and Redux**.
  - Resolved **60+ client requests**. Provided support and maintenance for the existing projects.
  - Converted **100+ figma designs** to React components using Material UI, Tailwind CSS and third party libraries.
  - Troubleshooted cross-browser compatibility and dependencies issues to **increase the website's reach by 25%**.
  - Improved **merchant's decision effectiveness by 30%** by displaying analytical data using charts and graphs.
  - Implemented Google OAuth and JWT authentication. Used Trello for project management.
- JDMR Ischool** Oct 2022 - Dec 2022
  - Web Developer Intern*
  - Teamed up with 2 other interns to develop a **Django application** from scratch. Worked on 2 main projects.
  - Developed a clean and responsive UI using Bootstrap. Made use of Django templates and Jinja templating engine.
  - Deployed the applications using **DigitalOcean with Nginx server** and secured it using Let's Encrypt.

## PROJECTS

- Backpack - Django REST Framework, React JS** | [github](#) | [demo](#) January 2023
  - Backpack is a platform for students to share their books and resources with others in their college.
  - Worked on the backend to build a REST API. Tested using Postman. Wrote the documentation using Swagger.
  - Implemented user authentication and authorization using JWT. Supports email notifications using gmail smtp.
  - Used Cloudinary for cloud storage. Deployed the backend on Render, frontend on Netlify and database on Railway.
- Pinocchio's Pizza - Django** | [github](#) | [demo](#) August 2022
  - Pinocchio's Pizza is a online front for a pizza shop. Supports online ordering, user management and order tracking.
  - Unique relational database for highly customizable orders with upto 5 toppings, 2 sizes, and multiple add-ons.
- Drumzz - React** | [github](#) | [demo](#) December 2022
  - Drumzz is a keyboard drum kit react application. It is a fun application to play music using your keyboard.
  - Support for multiple drum systems and volume control. Also supports mouse clicks and touch events.
- Password Guy - Flask** | [github](#) April 2022
  - Password Guy is a password manager application built using Flask and SQLite.
  - Supports user authentication and password encryption. Designed and developed the UI using Bootstrap.

## SKILLS

- Languages:** Python, Javascript, SQL, Bash, C, C++, HTML, CSS
- Frameworks:** Django, React, Django REST Framework, Flask
- Tools:** Git, PostgreSQL, SQLite, Postman, MongoDB, Redux, Material UI, Tailwind CSS
- Platforms:** Linux, Web, Windows, Heroku, GCP, DigitalOcean, Netlify, Render, Railway, ElephantSQL
- Soft Skills:** Leadership, Teamwork, Communication, Problem Solving, Quick Learner

## ACHIEVEMENTS

- 3 star coder at Codechef with a highest rating of 1627. Solved 400+ questions on various platforms.
- Secured rank 2 at HackSquad 2022, a competitive open source contributions event during Hacktoberfest. Oct 2022
- Secured 3rd position at Medusa Hackathon, a 48 hour hackathon by Medusa, among 350+ submissions. Oct 2022
- Secured rank 4 in college at Codame Things 2022, a competitive coding event by Codame Club. July 2022

## POSITIONS OF RESPONSIBILITY

- GNU/Linux Users Club - IIIT Bhopal** Bhopal, India
  - Core team member* August 2022 - Present
  - Organized 3 events and workshops on Linux and open source. Reached 200+ students through these events.

## CERTIFICATIONS

- Javascript algorithms and data structures, Relational Databases, Responsive Web Design
- CS50W - Web Programming with Python and JavaScript, CS50x - Harvard University
- Google Cloud Skill Badges (30 badges, 15 labs) - Google Cloud community India