

# Satyam Sagar

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

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

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## EDUCATION

### Indian Institute of Information Technology

*Bachelor of Technology - Information Technology; GPA: 8.96/10*

*Courses: Data Structures and Algorithms, Object Oriented Programming, Database Management Systems*

Bhopal, India

Dec 2021 - Jun 2025

## EXPERIENCE

### GreyFeathers

*Frontend Developer Intern*

Dec 2022 - present

- 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

*Web Developer Intern*

Oct 2022 - Dec 2022

- 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](#)

Jan 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](#)

Aug 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](#)

Dec 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](#)

Apr 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

|                     |   |
|---------------------|---|
| <b>Languages:</b>   | Python, Javascript, SQL, Bash, C, C++, HTML, CSS                                      |
| <b>Frameworks:</b>  | Django, React, Django REST Framework, Flask   |
| <b>Tools:</b>       | Git, PostgreSQL, SQLite, Postman, MongoDB, Redux, Material UI, Tailwind CSS           |
| <b>Platforms:</b>   | Linux, Web, Windows, Heroku, GCP, DigitalOcean, Netlify, Render, Railway, ElephantSQL |
| <b>Soft Skills:</b> | 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.
- Became **top 10 finalists** with our proposal at JamShack, a themed hackathon organised by NIT A. May 2023
- Secured **3rd position** at Medusa Hackathon, a 48 hour hackathon by Medusa, among 350+ submissions. Oct 2022
- Secured **rank 2** at HackSquad 2022, a competitive open source contributions event during Hacktoberfest. Oct 2022
- Secured **college rank 4** at Codame Things 2022, a competitive coding event by Codame Club. Jul 2022

## POSITIONS OF RESPONSIBILITY

### GNU/Linux Users Club - IIIT Bhopal

*Core team member*

Bhopal, India

Aug 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