

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

Infinity Learn

Frontend Developer Intern

Oct 2023 - present

Hybrid - Hyderabad, India

- Developed IL website 2.0 from scratch using Next JS. Used **AWS Amplify** for staging CI/CD and deployment.
- Managed SEO, accessibility, responsiveness and performance to handle a traffic of **500k users per month**.

GreyFeathers

Frontend Developer Intern

Dec 2022 - Oct 2023

Remote - Chennai, India

- 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 **150+ figma screens** to React components using Material UI, Tailwind CSS and third party libraries.
- Troubleshooted cross-browser compatibility and dependencies issues, resulting in a **25% increase** in website traffic.
- Integrated dynamic charts and graphs into the website, resulting in a **15% improvement** in decision accuracy.
- Implemented Google OAuth 2.0 and JWT authentication. Used Trello for project management.

JDMR Ischool

Web Developer Intern

Oct 2022 - Dec 2022

Remote - New Delhi, India

- 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

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|---------------------|---|
| Languages: | Python, Javascript, SQL, Bash, C, C++, HTML, CSS |
| Frameworks: | Django, NextJS, React, Django REST Framework, Flask |
| Tools: | Git, Postgres, SQL, Postman, MongoDB, Redux, Material UI, Tailwind CSS, Jira |
| Platforms: | Linux, Web, Windows, Heroku, GCP, DigitalOcean, Netlify, Render, Railway, ElephantSQL |
| Soft Skills: | Teamwork, Communication, Problem Solving, Adaptability |

ACHIEVEMENTS

- 3 star** coder at Codechef with a highest rating of 1627. Solved **500+ 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