

# Satyam Sagar

Portfolio: [satyamrs00.github.io](https://satyamrs00.github.io)

Github: [satyamrs00](#)

Codechef: [satyamrs00](#)

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## EDUCATION

- Indian Institute of Information Technology** Bhopal, India  
*Bachelor of Technology - Information Technology; GPA: 9.48/10*  
*Courses: Data Structures and Algorithms, Object Oriented Programming*  
December 2021 - June 2025

## SKILLS SUMMARY

- Languages:** Python, JavaScript, SQL, Bash, C, C++, HTML, CSS
- Frameworks:** Django, Flask, React, Redux
- Tools:** Git, PostgreSQL, SQLite, Postman, MongoDB,
- Platforms:** Linux, Web, Windows, Heroku, GCP, DigitalOcean
- Soft Skills:** Leadership, Event Management

## EXPERIENCE

- JDMR iSCHOOL** October 2022 - present  
*Web Developer Intern* Remote
  - Teamed with 1 person to build a web application from scratch to get user details to facilitate services.
  - Developed and maintained the website of the company including various bug fixes and feature updates.
  - Developed feature to use Google OAuth 2.0 to sign up to the application.
  - Deployed the former application using DigitalOcean with Nginx server and the later on Heroku hobby plan.

## PROJECTS

- Pizza (Web application to manage a restaurant's online orders)** August 2022  
*Python, Django, Heroku, Bootstrap, Javascript & Postgres* Working link Github repo
  - Unique relational database for highly customizable orders with upto 5 toppings, 2 sizes, and multiple add-ons.
  - Email notification for registration confirmation and order status updates using gmail smtp.
  - Feature to view previous orders and order status. Also feature for 1-click reorder your favorite pizza.
- Drum Machine (A drum-like react application)** December 2022  
*React, Redux, Bootstrap & Git* Working link Github repo
  - Designed and Developed a clean and responsive UI using Bootstrap.
  - Support for multiple drum systems and volume control, with a feature to turn on/off the sound.
- Network (Social Networking site)** August 2022  
*Python, Django, Bootstrap, Javascript, DBMS, SQLite & Heroku* Working link Github repo
  - Twitter-like social network website for making posts and following users
  - Engineered features like following users, liking posts, editing posts, profile page, etc.
  - Implemented pagination to load posts in batches of 10 and a responsive design for mobile devices.
- Password Guy (A password manager web application)** April 2022  
*Flask, Python, SQLite, Bootstrap & Git* Github repo
  - Developed a password manager web application using Flask and SQLite.
  - Support for multiple users with login and registration with features such as adding, deleting, viewing passwords.

## ACHIEVEMENTS

- 3 star at CodeChef with 1627 rating (highest)
- Scored rank 2 with my team at HackSquad which had 750+ team registrations - October, 2022
- Scored rank 4 in college at Codame Things - July, 2022

## CERTIFICATIONS

- Relational Databases** August 2022  
*freeCodeCamp* show credential
- Responsive Web Design** October 2022  
*freeCodeCamp* show credential
- Google Cloud Skill Badges (30 badges, 15 labs)** July 2022  
*Google Cloud community India* show credential
- CS50x - Introduction to programming** April 2022  
*Harvard University* show credential

## POSITIONS OF RESPONSIBILITY

- DevOps team member at GNU/Linux Users Club - IIIT Bhopal** Bhopal, India  
*Encouraged 100s of students to use linux on daily basis.* August 2022 - Present