Satyam Sagar

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EDUCATION

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

SKILLS SUMMARY

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

EXPERIENCE

JDMR iSCHOOL — October 2022 - present
Web Developer Intern — *Remote*
- Joined with 1 person to build a web application from scratch using Django 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 applications using DigitalOcean with Nginx server and Gunicorn and secured it using Let's Encrypt.

PROJECTS

Pizza (Web application to manage a restaurant's online orders) — August 2022
Python, Django, Bootstrap, Javascript & Postgres — *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 order.

Drum Machine (A drum-like react application) — December 2022
React, Redux, Bootstrap, Netlify & 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 — *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, that is an annual coding competition by Codame Club - 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*