Satyam Sagar

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EDUCATION

Indian Institute of Information Technology — Bhopal, India
Bachelor of Technology - Information Technology; GPA: 8.96/10 — *Dec 2021 - Jun 2025*
Courses: Data Structures and Algorithms, Object Oriented Programming, Database Management Systems

EXPERIENCE

Infinity Learn — Oct 2023 - Dec 2023
Frontend Developer Intern — *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 — Dec 2022 - Oct 2023
Frontend Developer Intern — *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 — Oct 2022 - Dec 2022
Web Developer Intern — *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.

SKILLS

Languages:	Python, Javascript, SQL, Bash, C, C++, HTML, CSS
Frameworks:	Django, NextJS, ReactJS, 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, Vercel, ElephantSQL
Soft Skills:	Teamwork, Communication, Problem Solving, Adaptability

ACHIEVEMENTS

- Winner at **Smart India Hackathon 2023**. PS - To build a chatbot to know individual prakriti. — Dec 2023
- **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 — Bhopal, India
Core team member — *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