

Satyam Sagar

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EDUCATION

Indian Institute of Information Technology

Bhopal, India

Bachelor of Technology - Information Technology; GPA: 8.70/10

Dec 2021 - May 2025

Courses: Computer Science, Data Structures and Algorithms, Database Management Systems, Software Engineering, Design Patterns, Object Oriented Programming, Operating Systems, Artificial Intelligence, Discrete Math

EXPERIENCE

Infinity Learn

Oct 2023 - Dec 2023

Software Developer Intern

- Implemented staging CI/CD pipelines utilizing **AWS Amplify**, reducing deployment time by 30%.
- Optimized SEO, accessibility, and responsiveness, successfully supporting monthly user **traffic of 500,000**.

GreyFeathers

Dec 2022 - Oct 2023

Software Developer Intern

- Developed user interfaces and integrated server APIs using React and Redux, enhancing project functionality.
- Translated over **200 Figma designs** into functional React components, employing Material UI and Tailwind CSS.
- Resolved cross-browser compatibility and dependencies concerns, resulting in a **25% boost in website traffic**.
- Addressed and resolved over 60 client issues, ensuring consistent support and maintenance for established projects.

JDMR Ischool

Oct 2022 - Dec 2022

Backend Engineer Intern

- Collaborated in a team setting to develop a Django application, focusing on backend functionalities and integration.
- Enabled application deployment on DigitalOcean on Nginx server, ensuring 100% security with Let's Encrypt SSL.
- Designed a responsive user interface and enabled 40% more efficient web page rendering using Jinja2 templating.

PROJECTS

Ayurmitram | github - Express JS, React JS, AI Classifier model

Dec 2023

- Programmed an **AI chatbot** that classifies individual prakruti(phenotype) into 7 distinct categories.
- Secured sensitive data by implementing encryption and time-limited storage upto 1 week in MongoDB database.

Backpack | github - Django REST Framework, React JS

Jan 2023

- Devised a resource-sharing platform that promoted collaborative book exchanges among college students.
- Conducted thorough testing on over 10 endpoints, utilizing Postman to ensure system reliability and performance.

Pinocchio's Pizza | github - Django

Aug 2022

- Devised an online ordering system with email notification and streamlined one-click reorder functionalities.
- Used a relational database to accommodate customizable orders up to 5 toppings, multiple sizes, and add-ons.

SKILLS

Languages: Python, JavaScript, SQL, NodeJS, CSS, HTML, C++, TypeScript, Bash
Frameworks: ReactJS, Flask, NextJS, Django, Django REST Framework
Tools: CI/CD, Git, MySQL, PostgreSQL, NoSQL, MongoDB
Platforms: AWS, Jira, Github, Linux, Postman

ACHIEVEMENTS

- Attained **1st place in SIH 2023** by developing an innovative chatbot designed to determine individual phenotypes.
- Achieved a **3-star** rating of 1752 on Codechef, placing in the top 4.4% with a rating of 1897 (**knight**) on Leetcode.
- Consistently ranked within the **top 200** globally in Codechef Starters, with best positions of 99, 126, and 160.
- Secured 2nd place at HackSquad 2022, demonstrating excellence in competitive open-source contribution.
- Placed 4th in a college-level competitive coding event hosted by the Codame Club at IIIT Bhopal.

POSITIONS OF RESPONSIBILITY

GNU/Linux Users Club - IIIT Bhopal

Bhopal, India

Core team member

Aug 2022 - Present

Organized 3 workshops emphasising the importance of open source. Reached 500+ students through these events.

CERTIFICATIONS

Javascript algorithms and data structures, Relational Databases, Responsive Web Design - freeCodeCamp
CS50W - Web Programming with Python and JavaScript, CS50x - Harvard University
Google Cloud Skill Badges (30 badges, 15 labs) - Google Cloud community India