

SAHIL SAINI

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Chemical Engineering IIT (BHU), Varanasi	9.08	2024
CBSE (XII)	Cambridge Court High School	91.80	2019
CBSE (X)	Silver Oak School	95.00	2017

SKILLS

Tools/Languages: Git/GitHub, Vim, Npm, Python, C/C++, HTML, CSS, JavaScript

Technologies/Cloud Services: Django, MERN(basic), Django Rest Framework, Rest APIs, Netlify, Heroku

Areas of Interest: Data Structures and Algorithms, Web Development

INTERNSHIP/TRAINING

Frontend Developer | Candid Connections

Dec 2021

- Developed the entire website for Candid Connections using **reactjs**, with animations and dark mode enabled.
- Designed the **UI/UX** of the website using Figma.
- Exposure:** Reactjs, AWS EC2, Figma, UI/UX, React-Bootstrap, Typeform.

PROJECTS

Open Source Contributions

October 2021 - Present

- Contributed to several Open Source Projects through feature addition, bug finding, and testing.
- Fixed bugs, wrote tests using playwright, and also contributed to the documentation of [Mathesar](#), [OpenWisp](#).
- Exposure:** Django, Playwright, APIs, Unit/Integration testing

Pull-Request-Action

- Created [GitHub action](#) with the help of javascript, which activates when a contributor raises a PR to a project. It adds comments and reacts to the PR by adding the tags to it.
- Exposure:** GitHub Actions, Git/GitHub, Javascript

COVID19 Detector

- This project is to detect COVID-19 from Chest X-Rays by building a Simple Convolution Neural Network.
- This involves Dataset Preparation, Understanding the Dataset, Building a CNN, Model Training
- Exposure:** numpy, matplotlib, keras

POSITION OF RESPONSIBILITY

Reviewer, DebugIT 2022

April - 2022

- Mentored students and reviewed their projects under a week-long hackathon.
- Tasked with promoting the development of web applications and games with **Unity**.

Informatics Executive, Society of Chemical Engineering

Jul 2021 - Present

- Worked as a member of **Tech Team** and maintained the website of SOCHEM and Osmoze (the departmental fest).
- Used reactjs, API calls, and practised with **Azure** while deploying the website.

Mentor, COPS(Club of Programmers) Summer of Code 2022

May 2022 - July 2022

- Helped conduct COPS IIT (BHU), Varanasi a 2-month-long annual program with educational programming events.
- Tasked with compiling resources and developing tasks for Django, Django Rest Framework.

HONOURS AND ACHIEVEMENTS

- RunnerUp** in **Robovation** (a robotics event) organised by Technex'21 IIT (BHU), Varanasi.
- 2nd RunnerUp** among **150** nationwide startups in ECell **Pitch-er-Perfect** (a startup pitching competition).
- Merged 6 PRs in the duration of one month passing the mark of 4 PRs in Hacktoberfest'21.

EXTRA-CURRICULAR ACTIVITIES

- Speaker at a monthly **Dev Talk** on UI/UX covering basic to advance UI/UX design.
- Active team member of software development group COPS IIT (BHU), Varanasi.
- Technical Blog Writer** about Software Development and Design on Hashnode. [sahilsaini110](#)
- Active member of Athletics Club IIT (BHU), Varanasi.
- RunnerUp** in under 17 football competition.

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