

SAHIL SAINI

ACADEMIC PROFILE

Degree/Certificate		Institution				Percentage/CGPA	Year
B-Tech		Chemical Engineering IIT (BHU), Varanasi				9.08	2024
Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII
9.19	8.89	9.38	8.80	-	-	-	-
CBSE (XII)		Cambridge Court High School				91.80	2019
CBSE (X)		Silver Oak School				95.00	2017

SKILLS

Programming Languages: Python, C/C++, HTML, CSS, Javascript

Technologies: Django, MERN, Django Rest Framework, Rest APIs

Areas of Interest: Data Structures and Algorithms, Web3, blockchain

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

Password-protected-File-Sharing

- Created file sharing service which allows its user to add password protection to their transfer files. These files can be accessed via the link with the password.
- Exposure:** Express, mongoose, MongoDB, bcrypt, Heroku

Alumni Website | SAIC, IIT (BHU)

Dec 2020 - Present

- Implemented the MVT architecture for developing Alumni Website v2.0 using the Django framework.
- Developed methods for CRUD operations on SQLite database of 3000+ users.
- Exposure: Django, Argon Design System

Project House

Jun 2022 - Present

Full stack project

- It is a **MERN Stack** project, where anyone can showcase his/her projects in all possible domains such as web development, machine learning and app development. With its live preview, description and image.
- Exposure:** React, MongoDB, Expressjs

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.

Student Executive, Student Alumni Interaction Cell, IIT (BHU)

Dec 2020 - Present

- Designed posts and videos for social media platforms, increasing engagement rate by **3700 followers** combined.
- Maintained and regularly updated the website including its backend and frontend.

Branding Manager, Technex'22

Nov 2021 - Present

- Created go-to branding plans, content roadmaps and oversaw the design creation of all Tech Tuesday Posts.

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.
- **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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