

SIDDHANT SHARMA

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PROJECTS

ALLOPS PLATFORM |GITHUB

- Created AllOps a dynamic **CRUD** web application using **Django, JavaScript, HTML/CSS**, and **Bootstrap**.
- Facilitated global academic engagement by allowing users to effortlessly filter, save, share, and contribute opportunities.
- Enabled users to personalize their experience by subscribing to tailored **mail-notifications** based on interest tags.

TRADING SMA |GITHUB

- Engineered a **Jupyter-based** application leveraging **PostgreSQL, Plotly, Pandas**, and **NumPy** to implement a 'simple moving averages' trading strategy on provided Excel data.
- Employed **Python** to seamlessly insert ticker data into a **database**, subsequently extracting and processing it into datasets for analysis with robust **unit testing** and Validation.

NETWORK PLATFORM |GITHUB

- Constructed a Twitter-like social media platform called "Network" using **Django, JavaScript**, and **HTML/CSS**.
- Engineered a comprehensive system encompassing user interactions, such as following, likes (leveraging **JS**), post creation, edit posts and likes.

MAIL WEB APPLICATION |GITHUB

- Developed a user-centric mail application utilizing **Django** for the login interface, with the remainder of the functionality meticulously implemented using **JavaScript**.
- Orchestrated a complete array of features including managing read/unread emails, composing messages, archiving correspondences, activating reply functionality, and seamless **API integration**.

E-AUCTIONS |GITHUB

- Developed a dynamic website to auction using **Django** and **HTML/CSS**.
- Engineered on features like a watchlist, active listings, a dashboard, a form to add products, a category filter, a user login interface and a whole **bidding system** as well.

SKILLS

LANGUAGES: C | C++ | Python

FRAMEWORKS: Django

FRONTEND: JavaScript | Bootstrap
HTML5 | CSS3

DATABASE: SQL | SQLite

OS: Linux (RHEL)

EDUCATION

**Arya College of Engineering and I.T.
(Affiliated To RTU)**

B-Tech in Computer Science

2020 – 2024

CGPA: 8.82

ST Anselm's North City School (CBSE)

High School, 2018 – 2020

XII Percentage: 66.4%

X Percentage: 84%

CERTIFICATIONS

- **HARVARD CS50:** Web Programming with **Python** and **JavaScript**
- Red hat Certified System Administrator (**RHCSA**)

COURSEWORK

Data Structures and Algorithm

Software Engineering

Object Oriented Programming

Database Management Systems

Operating Systems

Theory of Computation

ACHIEVEMENTS

- Web Dev Co-Lead at **Google Developer Student Club ACEIT 2022**
- 5 stars on **Hackerrank** (C++)
- Acknowledged as one of the top 18 finalists in **Ace Hack 2.0**.