ADITYA SHRIVASTAVA

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in LinkedIn ⓞ GitHub

Education

Maharaja Surajmal Institute of Technology   2021 − 2025(Expected)
Bachelor of Science in Computer Science   *New Delhi, India*

Experience

ShareChat   June 2024 − Present
Software Engineer Intern   *Bengaluru, Karnataka*
- Enhanced performance of Monte Carlo queries by 30%, migrating 100+ complex queries from BigQuery to Databricks.
- Developed automation scripts reducing manual intervention by 40%, streamlining platform support tasks and and decreasing latency by 25%
- Converted preexisting JSON data to proto, including forming contracts, creating a client event router, and establishing a validation table.
- Managed and verified the accuracy of over 200 events post-conversion , reducing data errors by 30%.
- **Tech Stack :** Google Cloud Platform , Databricks , Python , BigQuery , Java , Protocol Buffer

Radical AI   Nov 2023 − Jan 2024
Software Engineer Intern   *New York , United States(Remote)*
- Developed and deployed a fully functional website , resulting in a 20% increase in user engagement.
- Worked on front-end technologies, implementing core principles of responsive and interactive design.
- **Tech Stack :** HTML, CSS, JavaScript.

Carnegie Mellon University   Sept 2023 − Nov 2023
Research Intern   *Pennsylvania , United States(Remote)*
- Led an independent research project on Free vs Fixed Text Detection, leveraging pretrained transformer models like BERT-uncased.
- Successfully achieved a high accuracy rate of 97% in distinguishing between free and fixed text.
- **Tech Stack :** Python , Neural Networks , Deep Learning.

MIDAS Labs , IIIT Delhi   Jul 2023 − Nov 2023
Research Intern   *New Delhi , India*
- Validated the model's effectiveness with 97% accuracy on both the training and validation datasets, ensuring consistency and reliability across different data subsets.
- **Tech Stack :** Python , Neural Networks , Deep Learning.

Projects

StockSage | *Facebook Prophet , Python , Streamlit*   January 2024
- A Stock Prediction App built with Python .The app utilizes historical stock data and applies the Facebook Prophet library to forecast future stock prices.
- This project was inspired by the need for accessible stock prediction tools and is made possible by the contributions of the open-source community.
- **Project Link**

thoughtVine | *Express.js, Handlebars, CSS ,MongoDB*   October 2023
- Spearheaded the creation of ThoughtVine, a full-stack blog platform, using Express.js, Handlebars, CSS, and MongoDB.
- Orchestrated the implementation of a robust user authentication system for ThoughtVine, leveraging Express middleware and MongoDB for secure user access and data privacy.
- **Project Link**

Technical Skills

Languages: Python, C++ , HTML/CSS, JavaScript, SQL , Node.Js , Express , EJS , Handlebars
Developer Tools: VS Code, Google Colab , Google Cloud Platform
Databases: MongoDB , Databricks , BigQuery

Leadership / Extracurricular

Google Dev Student Club   Jul 2022 − May 2023
Data Structures and Algo Mentor   *MSIT , Delhi*
- Organised workshops related to Career prospects in tech field and on future scope of various domains such as AI , Competitive Programming , Web Development.
- Mentored and taught students Data Structures and Algorithms in C++.
- Led the tech team in organizing a successful overnight hackathon sponsered by Polygon and Solana.