PRATHAM AGRAWAL

📞 +91-8269067007 ✉ prathamagrawal1205@gmail.com 🌐 prathamagrawal.tech 🔗 pratham-manish-agrawal
★ prathamagrawal 🐙 prathamagrawal k fearsomejockey ⸂ pypi </> prathamagrawal

EDUCATION

Vellore Institute of Technology, Vellore　　　　　　　　　　　**Sep 2020 – Jun 2024**
*Computer Science with specialization in Data Science - **CGPA - 9.19***　　　　*Vellore, India*

TECHNICAL SKILLS

Languages: Python, R, NodeJS, Npm, ReactJs, SQL, JavaScript, Java, C/C++, HTML, CSS
Developer Tools: Docker, Postman,Tableau, Git, Firebase, Google Looker, Anaconda
Framework & Databases: Django, PostgreSQL, SQL, MySQL, Flask, PyTorch, OpenCV, Keras, Tensorflow, Github

EXPERIENCE

Affinsys.ai ⤢　　　　　　　　　　　　　　　　　　　　**Jan 2024 - Present**
Software Developer Intern　　　　　　　　　　　　　　　　*Bangalore,India*

- Orchestrated data migration efforts for over 200 projects, ensuring seamless transitions between diverse schemas while maintaining data integrity and consistency within the analytics team.
- Facilitated video transmission across 10 and more platforms, including WhatsApp, Instagram, Facebook, and Telegram, by leveraging APIs.

CME Group ⤢　　　　　　　　　　　　　　　　　　　　**May 2023 - Nov 2023**
Intern in Quant Risk team　　　　　　　　　　　　　　　　*Vellore,India*

- Managed code optimization and algorithm enhancement, delivering improved performance and reduced computational overhead.
- Developed and implemented efficient tools for data extraction and processing, resulting in a substantial reduction in latency for various tools.

Samsung Prism Team ⤢　　　　　　　　　　　　　　　　**Nov 2022 - May 2023**
Research Intern　　　　　　　　　　　　　　　　　　　*Vellore,India*

- Understand and implement the boolean expression tree (BE-Tree) to solve boolean expression.
- Researching to curtail the latency required to evaluate the boolean expression

Hacklab Solutions Pvt Ltd. ⤢　　　　　　　　　　　　　　**Jul 2022 - Nov 2022**
Artificial Intelligence (AI/ML) Intern　　　　　　　　　　　　*Remote,India*

- Assisted development of docker container for core image segmentation model from yolov5 to yolov7.
- Worked on leakage detection algorithm based on image segmentation and image processing.

PROJECTS

Clusterbase ⤢ | Python, Sklearn, Plotly, Javascript, CSS　　　　　　　**Feb 2023**

- Clusterbase is a system that is easily configurable on the number and type of parameters and clustering rules with data fed dynamically.
- Developed an algorithm that would generate clusters according to the schema and the number of clusters required, and accordingly plot the results.

Sportlight ⤢ | Python, NLP, NLTK,JavaScript,CSS　　　　　　　　　**Apr 2022**

- Provided a solution for highlights extraction for sport games using Machine learning and APIs, thereby reducing the time of watching a match by 90 %.
- Formulated the NLTK model using wordnet, and NLP which tested out to be 93% accurate

Crypto2Csv ⤢ | Python　　　　　　　　　　　　　　　　　　　**Sep 2022**

- A python command line interface for retrieving crytocurrency data in a readable csv format.
- Covered 80+ parameters over a wide range of cryptocurrencies, with various data fetching options like intervals, coins.

EXTRACURRICULAR

The Institution of Engineering and Technology ⤢　　　　　　**Jan 2022 – Jan 2023**
Chairperson　　　　　　　　　　　　　　　　　　　　　*Vellore, India*

- Established a link between Administration and Chapter to host Technical events which benefited the chapter with 25% net profit.
- Analysed and cultivated the progress of 200+ people in technical and management domains towards achieving outlined objectives.

ACHIEVEMENTS

∗ Third Place at TRI-NIT Hackathon 2023 for project **Clusterbase** ⤢
∗ Experion Sponsor Track Winner at Devspace 2022 by CSI-VIT for project **Sportlight** ⤢
∗ Kaggle Notebook and Dataset contributor with 4 bronze medals. **kaggle** ⤢

Certifications

· Google Cloud Computing Foundations Program ⤢