

Saksham Parashar

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GitHub: <https://github.com/thepolkamonster>

INTERNSHIPS

BYTIVE TECHNOLOGIES – NOIDA

Python Development intern

April 2024 - Present

- Identified and rectified crucial errors in proprietary simulator, improving and ensuring smooth operation.
- Applied LLM and RAG fine-tuning techniques to improve existing LLM models.
- Worked closely with the team to maintain functionality and address issues efficiently.
- Maintained detailed records while developing expertise in ML applications, including LLM and RAG tuning.

FROYO TECHNOLOGIES – NOIDA

Data Analytics Intern

September 2021 –December 2021

- Scrapping data out of websites, cleaning and making a well-formed dataset out of it.
- Created models and functions for scrapping data to reduce human efforts in repeated task.
- Creating dashboards from the data and presented then to the team lead.

EDUCATION

AJAY KUMAR GARG ENGINEERING COLLEGE – GHAZIABAD, UTTAR PRADESH

2020-2024

Bachelors in Technology in Computer Science and Engineering Cumulative: 8.01 GPA

Specialization: Data Science

FATHER AGENEL SCHOOL – NOIDA

2019

Graduated Sr/Sec High School; Cumulative %: 90.6%

SKILLS

Technical:

- SQL, Python, MS Excel, PowerBI.
- C++, Rust, Java, Ruby (Beginner), JavaScript.
- TensorFlow, PyTorch, RAG, LLMs, Signal Processing.
- Worked with technologies like:
 - Flutter
 - Flask/Django
 - Git / GitHub
 - Data analytics and Modelling using python (Pandas, numpy, plotly, scikit-learn etc)

Additional Skills: Communication skills, Attention to detail, Critical Thinking, Problem Solving, Collaboration, Adaptability.

CERTIFICATIONS & TRAINING

- Completed “Microsoft Excel - Excel from Beginner to Advanced” by Kyle Pew from Udemy in May 2023.
- Completed Microsoft Power BI Desktop for Business Intelligence from Udemy in May 2022.
- Completed “The Git and GitHub Bootcamp” by Colt Steele in September 2022
- Foundation: Data, Data Everywhere by Google” in Jan 2023
- Python Foundation Certification by Infosys

ACCOLADES & ACHIEVEMENTS

- Secured 3rd position in College Competitive Coding trails for club recruitments.
- Achieved Expert rank in Kaggle Data Analytics Platform.
- Secured 8th position in Kaggle Air Quality Prediction Community Competition
- Solved 200+ LeetCode Questions
- Active Subject Matter Expert of Statistics on Chegg

PROJECTS

Dummy Flask REST API-

<https://github.com/thepolkamonster/flask-CRUD-API>

- Built a dummy flask REST API with CRUD features.
- Build a front end along with the API to contrast the two.
- Implemented Unit testing through the PyTest library.
- Maintained and updated the application to host more features using Git version control system.

Heart Disease app Using Streamlit –

https://github.com/thepolkamonster/Hear_Disease_app_Using-Streamlit

- Analysis, cleaning and preparing of heart disease dataset using python.
- Building a working and reliable Classification model.
- Hosting this model in form a web application suing streamlit to make it more user friendly

Store Sales Forecasting with Custom Regressor –

<https://www.kaggle.com/code/sakshamparashar/store-sales-forecasting-with-custom-regressor>

- EDA, Visualization, Cleaning of Data.
- Built a custom regression model by combining various models to improve performance