

PROFESSIONAL SUMMARY

Built on a foundation of over 5 years of Backend development experience, I recently honed my expertise in Data Science and Machine Learning to deliver comprehensive solutions. A creative thinker, skilled in problem-solving and optimizing solutions. Committed to ongoing professional growth and a collaborative team player, who thrives in fast-paced and dynamic work environments.

WORK EXPERIENCE

FREELANCER

SEP 2022 — PRESENT

- Collaborated with clients to develop image annotation tool (using OpenCV ,flask) resulting in a more streamlined and automated process for annotating large datasets.
- Designed and developed web applications, RestAPIs, using a variety of web frameworks, including Flask, Node.js with Express, Django, GraphQL, and FastAPI.
- Worked on multiple data science and machine learning projects, gaining experience in the practical application of these techniques in real-world settings.

Senior Software Engineer

MAR 2022 — Aug 2022

Software Engineer

JAN 2019 — MAR 2022

Ranvy Technologies

HYDERABAD, INDIA

- Developed RestAPIs(using frameworks like Flask,Express,nodejs,Django), In-house tools and Dashboards to monitor computer networks and devices, which replaced expensive third-party tools and resulted in a 70% cost reduction for the company.
- Developed a high-value Augmented Reality application for Data Center Management (using Unity engine, Flask as backend), which allowed administrators to visualize and manage their data centers in real time, resulting in 50% improved efficiency and reduced downtime.
- Developed APIs using GraphQL,FastAPI providing a robust foundation for the application's backend.
- Developed data pipelines for processing and cleaning large datasets, ensuring data quality and accuracy for subsequent analysis
- Collaborated with interdisciplinary teams, including data engineers, and business stakeholders, to ensure successful project outcomes.

Specialist Software Engineer

JUL 2017 — DEC 2018

Societe Generale Global Solutions Center

BANGALORE, INDIA

- Developed custom Python scripts and APIs to automate multiple tasks, resulting in a 95 % time savings and improved accuracy.
- Designed and developed scripts to automate report generation on a daily and weekly basis, saving the team countless hours of manual effort. Leveraged my expertise in Python programming to create scripts that pull data from multiple sources, perform necessary calculations, and generate reports in a variety of formats.
- Continuously improved technical skills and knowledge through self-learning, professional development courses, and attending conferences and meetups.

PERSONAL PROJECTS

- **Friday-GPT** : AI Voice-Bot powered by Chat-GPT-3(Davinci Engine)
- **Predictive Maintenance**: A model to predict when a machine or equipment is likely to fail, allowing for proactive maintenance to be scheduled.
- **Music Genres Clustering** : A Music Recommendation System based on Clustering Algorithms.

SKILLS

Machine Learning EDA, Classification and Regression

Python Flask,DJango,FastAPI,asyncio,aioHTTP,Polars(to handle big data)

Nodejs Express

APIs : RestFulAPIs,GraphQL-APIs(using graphene python library)

DataBase : MySQL,POSTGRESQL,NoSQL

CI/CD : Git, GithubActions ,Docker

EDUCATION

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD,

Bachelor of Technology in Information Technology

JUL 2013- APRIL 2017