

KUMAR DAHAL

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SUMMARY

Enthusiastic and dedicated Data Scientist software engineer pursuing a postgraduate in artificial intelligence and data science, equipped with valuable hands-on experience gained through self-study and eighteen plus projects in my GitHub.

EDUCATION

Ontario College Graduate Certificate in Artificial Intelligence and Data Science | **Loyalist College, Toronto** | Jan 2023 – August 2024

Bachelor's in computer science engineering | **Shridevi Institute of Engineering and Technology, India** | July 2015 - July 2019

WORK EXPERIENCE

Freelance Web Developer | March 2020 – Sep 2021

Have successfully developed and hosted two website the thewildexplorerabin.com and npnsam.org using Django framework.

SKILLS

- ❖ Programming: Python, Shell script
- ❖ API testing: Postman
- ❖ Web scrapping: BeautifulSoup, Selenium
- ❖ AI and Data Science: Statistical Data Analysis, Machine Learning, CNN, ANN, RNN, NLP, Computer Vision, Transformer
- ❖ Operating System: Linux (Ubuntu) with CUDA GPU
- ❖ Data Versioning, Pipeline, and Scheduler: DVC, Docker, CI/CD, Airflow
- ❖ Databases: SQL, SQLite, MongoDB
- ❖ Tools and Libraries: Py Spark, Scikit-learn, TensorFlow
- ❖ Agile project Management tool: GitHub Kanban board
- ❖ Visualisation and Dashboard: Tableau

PROJECTS

Top full stack Data Science projects using Flask framework

1) Finance Complaint Prediction

- ✓ Implemented an end-to-end ETL pipeline using Py Spark.
- ✓ Scheduled and orchestrated ETL jobs using Apache Airflow, ensuring timely execution and monitoring of data pipelines.
- ✓ The performance of training and prediction route is also monitored.
- ✓ Debugging with unit test case is performed.

2) Credit card Default prediction.

3) Insurance premiums predictions.