Pulkit Saxena
+1 (713) 572-7575 | ps6104@rit.edu | LinkedIn
Rochester, NY - 14623

TECHNICAL SKILLS

Programming Languages: Python, SQL
Data Science Libraries: TensorFlow, Keras, Scikit-learn, PyTorch, NLTK
Data Analysis Tools: Pandas, Numpy, MS Excel
Data Visualization: Matplotlib, Seaborn, Plotly, Google Data Studio
Other Tools/Applications: Linux, Git, Jupyter Notebook, Tableau, Databricks, Snowflake, Airflow
Machine Learning Expertise: Proficient in supervised/unsupervised learning, neural networks, deep learning, feature engineering, model evaluation/optimization, experience in implementing models in production.

EMPLOYMENT

T-Mobile, USA – Overland Park, KS   May 2023 - Aug 2023
Credit Risk Management Intern
- Developed and deployed a credit risk strategy tool using Python (pandas, numpy, seaborn, matplotlib, scikit-learn) for strategy validation and reporting, which identified data consistency and mismatch issues leading to a ~3% deviation in the strategy outcome.
- Conducted ETL using SQL, Databricks, and Snowflake for data analysis, and implemented decision trees for strategy development, simulation and experimentation with the tool.

RedCarpetUp.com – New Delhi, IN   Oct 2017 - Jan 2021
Data Scientist- Member Of Technical Staff
- Conducted feature engineering on customer data and built a credit risk model with XGBoost, increasing credit disbursal by 40% MoM for repeat customers.
- Performed EDA on ~5TB customer data, identifying key information and generating INR 5.2 million in revenue.
- Automated application review process using computer vision, reducing processing time and cost by 30%.
- Developed and optimized reporting system using Google Data Studio and Airflow, improving data analysis efficiency.

Data Engineer - Member Of Technical Staff
- Developed CRM system for 500,000+ users, creating core data pipelines with Python and PostgreSQL.
- Implemented Card Upgrade process for 100,000+ monthly active users to comply with regulatory guidelines.

Foodpost – Gurugram, IN   Jan 2016 - Mar 2016
Full Stack Developer Intern
- Developed RESTful APIs and performed database operations using PHP (Codeigniter framework) and SQL.
- Upgraded front-end (HTML, Bootstrap) and conducted load tests on system components using *jMeter*.

EDUCATION

Rochester Institute of Technology   Aug 2022 - May 2024
Master of Science - Data Science
Relevant Coursework: Database Design and Implementation, Foundations of Data Science and Analytics, Applied Statistics, Neural Networks, Software Engineering, Natural Language Processing, Non-relational Data Management

Visvesvaraya Technological University   Aug 2012 - May 2017
Bachelor of Engineering - Computer Science

PUBLICATIONS

- **[Peer-to-peer Knowledge Sharing Platform for farmers with auto-recommendation feature](#)**
  Published, IEEE SmartTechCon 2017, *DOI* - 10.1109/SmartTechCon.2017.8358498