

Pulkit Saxena

+1 (713) 572-7575 | ps6104@rit.edu | [LinkedIn](#)
Rochester, NY - 14623

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, Software Construction

Visvesvaraya Technological University

Aug 2012 - May 2017

Bachelor of Engineering - Computer Science

Relevant Coursework: Operations Research, Discrete Mathematical Structures, Graph Theory and Combinatorics, Object Oriented Modeling and Design, Design and Analysis of Algorithms

Activities and Societies: Computer Society of India, TCS TechBytes, Hackathons

EMPLOYMENT

RedCarpetUp.com – New Delhi, IN

Apr 2019 - Jan 2021

Member Of Technical Staff - Business Analyst

- Developed and optimized the reporting system.
- Automated the application review process, reducing the processing time and cost by 30%.
- Managed Repeat Customer Portfolio and spearheaded model development and deployment to predict the risk, income, and utilization of the customers to boost disbursements. (Average 40% Month-on-Month increment in credit disbursements).
- Recovered unused sum from inactive accounts (added appx. INR 20 mn to the funds for the month).
- Created COVID-time policies to keep credit risk in check.
- Worked on adding new revenue lines (credit limit and product upgrade generated INR 5.2 mn revenue in a year)
- Managed market research and development of new products.

RedCarpetUp.com – New Delhi, IN

Oct 2017 - Mar 2019

Member Of Technical Staff - Data Engineer

- Developed the Customer Relationship Management System which governed the flow of the customer lifecycle, stored various data points used for analysis and decision making by creating core data pipelines.
- Worked on developing and improving KYC-related processes using new-age tools like Google Vision.
- Built the Card Upgrade process for efficient transition from old cards (without chip) to new cards (with chip) as per the new regulatory guidelines of the Reserve Bank of India

Foodpost – Gurugram, IN

Jan 2016 - Mar 2016

Full Stack Developer Intern

- Developed RESTful APIs and defined database operations
- Upgraded the front-end and performed load tests on system components using jMeter

TECHNICAL SKILLS

Programming Languages: Python, SQL, C++, PHP

Data Analysis Tools: Pandas, Numpy, Matplotlib, Seaborn, MS Excel, MySQL, PostgreSQL, SQLAlchemy

Other Tools/Applications: Flask, Data Studio, XGBoost, Linux, Docker, Git, CodeIgnitor, AJAX, jQuery, Javascript

PUBLICATIONS

• [Peer-to-peer Knowledge Sharing Platform for farmers with auto-recommendation feature](#)

Abstract: Agriculture is one of the rapidly expanding fields. Proper arrangements of adequate information on agricultural activities that are practiced by small farmers constitute a key element to improve their livelihood by providing useful knowledge. Information Technology is closing the gap between every person in the world. Agriculture has a wide scope to progress with evolution in Information technology. Technologies and practices keep changing continuously. These rapid changes pose a question on how to spread that knowledge among the farmers and other stakeholders.

Status - Published

Publisher - IEEE

DOI - 10.1109/SmartTechCon.2017.8358498