



PRATIK JAIN

Email: pratik.jn0511@gmail.com
Phone: +91-9079253084
LinkedIn: www.linkedin.com/in/pratik-jain0511

SUMMARY

I am an experienced data scientist with 3 years of industry expertise, adept at utilizing advanced technologies. Skilled in managing end-to-end projects from design to engineering. My background includes roles in both established corporations and startups, reflecting my enthusiasm, dedication, and proactive work ethic. I'm now seeking opportunities in dynamic ecosystems that offer more challenging environments.

WORK EXPERIENCE

Sr. Software Engineer (DS/ML) - Gemini Solutions Pvt. Ltd.

June 2022 - Current

- Engineered an **end-to-end chatbot solution** to address user queries sourced **from internal company knowledge repositories, including PDFs, Word documents, and websites**. Established a robust **data pipeline** for **extracting information** from **varied formats like pdfs** and **implemented web scraping techniques** for seamless integration with the chatbot. This initiative significantly **enhanced stakeholders' understanding of clients' perspectives on pivotal topics**.
- Developed a **recommendation model leveraging Singular Value Decomposition (SVD) and Graph algorithms** to suggest client products to users, optimizing personalized recommendations and enhancing user engagement.
- Employed **Open AI, textract and adobe** to **extract summaries and key topics from clients' media appearances**, ensuring stakeholders remain abreast of clients' perspectives on market conditions and trends.
- Engineered a **SQL generator utilizing Large Language Models (LLMs)** to automatically generate SQL queries based on user input, streamlining database interactions.
- Devised a **customer identification methodology to find potential customers for clients' products** based on their holdings, facilitating targeted marketing efforts and enhancing client acquisition strategies.
- Worked on the development of time series prediction models for clients' product Assets Under Management (AUM) using regression analysis and Artificial Neural Networks (ANN).

Jr. Data Scientist - Applied Data Finance Pvt. Ltd.

June 2021 - June 2022

- Refactored existing predictive models by implementing diverse machine learning algorithms such as logistic regression, XG Boost, and Naive Bayes to **enhance the accuracy of loan repayment probability predictions**.
- Utilized a range of machine learning (ML) and Artificial Neural Network (ANN) techniques to **optimize the prediction of optimal offers for customers**, resulting in a notable increase in customer **visitation rates from approximately 5% to 6%**, thereby improving conversion rates.
- Conducted thorough data analysis and generated comprehensive reports with actionable insights to drive operational enhancements and facilitate informed decision-making processes.

Financial Market Research Intern - Futures First Pvt. Ltd.

May 2020 - June 2020

- Simulated trading in Commodity Markets by trading on US Crude Oil Futures.
- Analyzed market data using data analysis methods and used technical indicators and patterns to predict market movement

Summer Intern - Adonmo Pvt. Ltd.

May 2019 - June 2019

- Generated sales leads and conducted sales calls to attract clients to the platform, successfully converted 2 clients.
- Orchestrated the design of an advertising campaign for a physical product targeted at a foreign market, contributing to its successful launch and market penetration.

EDUCATION

University of Arizona

May 2017

Masters of Science in Data Science - 3.75/4

June 2022 - June 2024

Indian Institute of Technology

July 2017 - May 2021

B.Tech - CGPA - 7.52

India International School

2017 & 2015

XII (CBSE) - 90.6%

X (CBSE) - 10 CGPA

SKILLS

- C++
 - Python
 - SQL
 - Pandas
 - Big Data
- Machine Learning
 - Deep Learning
 - NLP / AI Generative Models /LLMs
 - Data Analysis
 - Tableau