JEEVAN CHOUDHRY

DATA ANALYST | COMPUTER SCIENCE ENGINEER

CONTACT

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SKILLS

Problem Solving

Collaboration

Communication

Adaptability

Strong Leadership Skills

Time Management

Decision Making

EDUCATION

SRM Institute of Science and Technology

B.Tech-Computer Science and Engineering

2019 - 2023

CGPA: 9.33

LANGUAGES

English

Hindi

Tamil

French

PROFILE

I am a highly motivated and hardworking individual, deeply impassioned by the realm of technology and perpetually engaged in relentless self-improvement. I believe that no matter how skilled a person may be, they will always remain a learner.

WORK EXPERIENCE

Data Analyst, MathCo

JAN 2023 - Present   Bangalore, Karnataka

- I Build predictive models and optimization algorithms using Python/SQL on cloud platforms (Snowflake, Databricks) to solve complex business problems like sales forecasting, customer segmentation, and risk assessment.
- Design and implement complete data pipelines from raw data extraction and cleaning through advanced analytics, statistical modeling, and automated reporting systems.
- Transform complex datasets into actionable business recommendations through interactive dashboards (Power BI) and data-driven strategies that directly impact revenue optimization, operational efficiency, and customer targeting.
- I also collaborate with team members to drive innovation and contribute to the overall growth of the data analytics function.

INTERNSHIPS

Full Stack Developer, HighRadius

JAN 2022 - MAY 2022

- Demonstrated proficiency in front-end and back-end development, leveraging a comprehensive full-stack training program. Successfully built dynamic and robust web applications using a range of technologies
- Effectively designed visually appealing user interfaces, ensuring seamless user experiences and responsiveness across diverse devices.
- Developed scalable and secure web applications that delivered optimal user experiences.

Front-End Developer, BizDateUp

JUL 2021 - NOV 2021

- Proficient in Front-end Technologies: Highly skilled in HTML, CSS, and JavaScript.
- Demonstrated expertise in creating visually appealing and responsive user interfaces, ensuring a seamless user experience across different browsers and devices.

Digital Marketing, Viral Fission

JUN 2021 - JUN 2022

Gained practical experience in various digital marketing areas, including social media, content creation, and SEO.

TECHNICAL SKILLS

- **Languages**

  Python, C++, HTML, CSS, Javascript, Pyspark

- **Database Management**

  MySQL, Snowflake

- **Tools**

  Power BI, Microsoft Excel, Snowflake, Databricks, Azure Cloud, MS Visual Studio, Notebooks, GIT, API

- **Frameworks**

  Scikit Learn, Pandas, Numpy, ML Models, MLOps, LLMs, SHAP, Optuna

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CERTIFICATIONS

- PL-300 Microsoft Certified Power BI Developer
- Advance SQL Cerification on Hacker Rank with a 5 Star Badge
- Professional Full Stack Analytics
- Product and Engineering
- Machine Learning and Big Data using Python
- Google Cloud Program
- Complete 2021 Web Development Bootcamp

VOLUNTEER EXPERIENCE

- Acted as Technical Lead at the oldest SRM college club, Chipset, overseeing technical events and guiding the team to successful implementations.
- Roe-Bot v1.0 it is a riveting and thought-provoking event that revolved around the topic - Robotic Process Automation (RPA).
- Served as Treasurer in Rotary Club, managing financial operations and ensuring transparent and effective fund utilization.

EXTRACURRICULAR ACTIVITIES

I love assembling computers and exploring hardware configurations. Additionally, I'm passionate about bikes and going on multiple road trips

PROJECTS

Identifying Replacement for Obsolete Parts

JUN 2025 - Present

- Clean and standardize part specifications for a manufacturer specialized in developing engineering products, implement robust text extraction from technical documents using LLMs, and establish consistent schemas that work for both RAG and future graph implementations
- Combine semantic search, keyword matching, and specification filtering. Return ranked results with detailed confidence scores based on similarity, exact matches, and historical replacement patterns.
- Support exact obsolete lookups, functional equivalents, and competitor alternatives with real-time LLM models for intelligent part matching and generative AI for predictive replacement recommendations.

Enhancing Sales Lift through Incentive Optimization

JAN 2024 - JUN 2025

- This project focuses on assessing the impact of incentives on sales performance for one of the world's largest car manufacturers. By analyzing current incentive strategies and their effectiveness
- The aim was to design tailored solutions to optimize incentives, ultimately driving better sales lift and enhancing overall profitability.
- Delivered a comprehensive end-to-end solution spanning from raw data extraction in Snowflake through advanced modeling and analytics on Databricks, culminating in interactive visualizations in Power BI.

Configuration Analysis for Lower DOL

OCT 2023 - DEC 2023

This project examined configuration process of a major car manufacturer to pinpoint inefficiencies causing longer Days on Lot (DOL). The goal was to streamline operations, reducing DOL and improving profitability.

Customer Segmentation for Targeted Marketing: Leveraging Data Analytics for Business Growth

JUN 2023 - SEP 2023

Revamped customer segmentation strategies for an international bag manufacturer using data analytics, enabling personalized marketing campaigns and driving substantial business growth through data-driven insights.

Risk Profile of Patients Falling off the Therapy

JAN 2023 - MAY 2023

This project aims to analyze and identify key factors that contribute to patients discontinuing therapy with one of the biggest pharma company in the world, providing insights to mitigate risks and enhance patient retention for improved treatment outcomes.

Payment Due Date Prediction

JAN 2022 - APR 2022

As a winter internship project on data engineering, I built a web application to help the people working in the Accounts Receivable departments in their day-to-day activities.

CONFERENCES

SENMQTTSET an intelligent intrusion detection in IOTMQTT networks using ensemble multi cascade features.

APR 2023

International Conference on Innovation in Computing and Technology '23