KARAN PUROHIT

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Summary

Results-oriented individual with a passion for continuous learning and innovation. Known for leveraging analytical thinking and creativity to solve problems and deliver high-impact solutions in fast-paced environments. History of mining, warehousing, and analyzing data with different tools and platform. Knowledgeable about the principles and implementation of machine learning. Proactive with top-notch skills in project management, communication and leadership.

Internship

Data Analyst Intern | IBM SkilssBuild | 06/2024 - 08/2024

- **Led a team** to execute a data-driven project addressing Sustainable Development Goal 6 (SDG 6), focusing on clean water and sanitation initiatives.
- Managed project lifecycle stages, from data collection to visualization, delivering insights with IBM SkillsBuild tools.
- Created and managed Tableau dashboards displaying real-time KPI visualizations.

Machine Learning Engineer | Fox Trading | 05/2023 - 08/2023

- Gained comprehensive understanding of Python programming, data preprocessing, and exploratory data analysis through machine learning fundamentals training.
- Built a predictive model for house prices using Linear Regression and Random Forests.
- Performed **data cleaning, feature engineering, and model optimization**, preparing robust datasets for analysis.

Projects

Fixit Local: User-centric solution for enhanced operational efficiency and community-well being

- Developed FixIt Local, a web platform connecting users with local service providers.
- Built with HTML, CSS, JavaScript, Flask, and GCP, featuring geolocation and secure bookings via Firebase and Razorpay.
- Optimized API integration, authentication, and database for a seamless user experience.

Diversity and inclusion Dashboard using Power BI

- Developed a comprehensive analytics framework to support a telecom client's diversity and inclusion initiatives.
- Defined key performance indicators (KPIs) for hiring, promotion, and turnover, including metrics for male and female representation.
- Analyzed root causes of slow progress, focusing on unconscious bias, workplace culture, and career development barriers.

Clean Water and Sanitation using ETL, Machine Learning and Data Analytics

- Led the team to gain global water and sanitation facilities for country level insights.
- Applied Power BI, ETL processes, and machine learning for in-depth evaluations.
- Designed interactive visualizations and reports to enhance data interpretation.

Educational Qualification

Delhi Technical Campus | Greater Noida, UP | 2025
Bachelor of Technology (Computer Science and Engineering)   **7.4 CGPA**

Publications and Presentations: Participated in Java Book Writing

Rishabh Public School | Delhi | 2021
Class XII   **7.7 CGPA**

Rishabh Public School | Delhi | 2019
Class X   **8.6 CGPA**

Skills

Technical Skills:

- **Programming Languages:** Python, C++, R, SQL
- **Tools:** Apache Spark, Snowflake, Hadoop, SAP
- **Database Management:** MySQL, Firebase
- **Data Visualization:** Advanced Excel, Power BI
- **Cloud Platforms:** GCP, AWS
- **Data Engineering:** Data Warehousing, ETL, Data Preprocessing, Data modeling

Professional Skills:

- Data Analytics and Customer Insights
- Project Management
- Team Leadership
- Strong Communication
- Problem Solving

Accomplishments	Certifications
- Bagged 2nd Runner-up position in PBL (Project Based Learning) - Achieved Prizes in Cultural Decorations - Achieved Prizes in Caricature	**IBM Data Engineering Professional Certificate**: Coursera - Add-On Course on **SAP** by BHUZION INNOVATIONS LAB