

RAKESH KUMAR SINGH

ASSOCIATE CONSULTANT

CAPGEMINI INDIA (2021 – Present)

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 Faridabad, Haryana

Passionate and results-driven professional with a strong background in Big Data, Machine Learning, Data Science, and Cloud Technologies. Demonstrated leadership and teamwork abilities in collaborative environments, dedicated to delivering exceptional service to clients. Thrives on challenges as opportunities for personal and professional growth, striving to create a lasting impact in dynamic work environments.

WORK EXPERIENCE

Data Engineer

Everest Insurance

(Period: 1st May 2024 – Present)

- Built pipelines that used to move the data from various sources like TPA, SoR, USPS (United States Postal Service) etc to ADLS Data Lake.
- Debugged many production notebooks environment to improve efficiency and streamline workflow processes.
- Developed and maintained comprehensive documentation for data pipelines and ETL processes.
- Conducted performance tuning and optimization of SQL queries, resulting in improved data retrieval times.

Data Engineer

Hindustan Unilever

(Period: 25th Aug – 30th April 2024)

- Carefully re-constructed 400+ data pipelines with complete functionality such as data sources, activities, pipelines, triggers and integration runtimes for orchestrating and automating data workflows.
- Designing the logic to build an Intelligent Pipelines which were capable of loading the data for multiple objects in a parallel pattern with periodic schedule.
- Optimized Azure Data Pipelines by merging multiple pipelines into one, improving efficiency and reducing complexity and pipelines to new data pipelines and improved the efficiency by 40%.
- Debugged many databricks notebooks, investigating issues and fixed failures.
- Analyzed and fixed many data mismatches and data reloading issues in data pipelines.

Big Data Engineer & Developer

Burberry London

(Period: 1st Jan 2022 – 20th Aug 2023)

- Worked on different stories/(CRs) addressing any change, modification or development required on any existing Burberry Live Reports in Production.

- Worked closely with the Development Team to ensure thorough follow-up on tasks, resolving any potential issues to ensure error-free reports and future-proofing.
- Engaging with Burberry Business users to obtain official approval prior to deploying work into Production environment.
- Conducted rigorous Unit Testing and Regression Testing, ensuring robustness and reliability in developed reports.
- Done various functional testing, unit testing, regression testing on the reports to make sure that all of them are future-proof.

Project Lead

Millennial Garage – 2021

(Period: 10th Aug 2021 – 31st Dec 2021)

- Developed an EDA Dashboard with interactive graphs, ML algorithms, enabling one-click dataset analysis, using Python (Plotly, Streamlit, Seaborn).
- The Dashboard was also added with machine learning models such as Regression, Decision Trees, and Random Forest for enhanced analytics.
- Integrated comprehensive data cleaning techniques and validation procedures into the dashboard for ensuring data accuracy and reliability.
- The dashboard was officially launched internally for sharing with colleagues for internal purposes.

Full Stack Developer

SEO Design Pvt. Ltd.

(Period: 06th Feb 2020 – July 30th 2020)

- Worked as a Full Stack Web Developer and designed, developed, maintained, and deployed multiple web applications, managing both front-end and back-end tasks.

EDUCATION

BACHELOR OF TECHNOLOGY

COMPUTER SCIENCE AND ENGINEERING
(LINGAYA'S VIDYAPEETH. JASANA, HARYANA)
CGPA 7.2 | PERCENTAGE: 70.56

HIGHER SECONDARY (XII)

SCIENCE STREAM
D.A.V SENIOR SECONDARY PUBLIC SCHOOL
CGPA 7.8 | PERCENTAGE 76.44

PROFESSIONAL SKILLS

SOFTWARE SKILLS

ANACONDA

POWER BI

MS EXCEL

VISUAL STUDIO

CLOUD TECHNOLOGY

AZURE DATA FACTORY

DATABRICKS

SYNAPSE

AZURE SQL

MANAGEMENT TOOLS

CONFLUENCE

JIRA

PROGRAMMING SKILLS

SQL

PYTHON

PYSPARK

MONGO DB

SCALA

HADOOP

HTML

CSS

PHP

BOOTSTRAP

CERTIFICATIONS

1. Introduction To Big Data

- Learned about the terminologies and fundamental concepts underlying big data challenges, applications, and systems. [\(See Certificate\)](#)

2. Associate Data Analytics

- Learned how to extract a useful result out of raw data with the use of Python Libraries, Excel, Tableau and R Programming. [\(See Certificate\)](#)

3. Data Engineer Certified

- A professional certified in data engineering, skilled in designing, building, and maintaining data infrastructure and pipelines. [\(See Certificate\)](#)

4. Azure Fundamentals (AZ-900)

- Microsoft Certification on Azure Fundamentals certification which confirms my grasp of essential Azure concepts and services. [\(See Certificate\)](#)

5. IBM Big Data

- Learned about BIG Data tools including Hadoop, Hive, HBase, and Pig to manage and analyze large datasets, furthering my capabilities in the realm of data processing and analytics. [\(See Certificate\)](#)

INTERESTS

CYCLING

GAMING

DESIGNING

WRITING

READING

FITNESS

COOKING