Phone Icon Png Images – Browse 341,155 Stock Photos, Vectors ...RAKESH KUMAR SINGH

**ASSOCIATE CONSULTANT**

**CAPGEMINI INDIA (2021 – Present)**

Faridabad, Haryana

+91 72890 75059

arohan.kumar97@gmail.com

Address - Png File Address Icon Png, Transparent Png - vhv

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

* 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.
* Conducted rigorous Unit Testing and Regression Testing, ensuring robustness and reliability in developed reports.
* Engaging with Burberry Business users to obtain official approval prior to deploying work into Production environment.
* Done various functional testing, unit testing, regression testing on the reports to make sure that all of them are future-proof.

(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.
* 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.

**Data Engineer**

Hindustan Unilever

(Period: 25th Aug – 30th April 2024 )

**Project Lead**

Millennial Garage - 2021

* The Dashboard was also added with machine learning models such as Regression, Decision Trees, and Random Forest for enhanced analytics.

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

* 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.
* Developed an EDA Dashboard with interactive graphs, ML algorithms, enabling one-click dataset analysis, using Python (Plotly, Streamlit, Seaborn).
* 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.
* 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%.

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

SEO Design Pvt. Ltd.

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

**Full Stack Developer**

* Debugged many databricks notebooks, investigating issues and fixed failures.
* Worked on different stories/(CRs) addressing any change, modification or development required on any existing Burberry Live Reports in Production.
* Analyzed and fixed many data mismatches and data reloading issues in data pipelines.

FITNESS

EDUCATION

**BACHELOR OF TECHNOLOGY**

COMPUTER SCIENCE AND ENGINEERING

**HIGHER SECONDARY (XII)**

D.A.V SENIOR SECONDARY PUBLIC SCHOOL

CGPA 7.2 | PERCENTAGE: 70.56

(LINGAYA’S VIDYAPEETH. JASANA, HARYANA)

SCIENCE STREAM

CGPA 7.8 | PERCENTAGE 76.44

PROFESSIONAL SKILLS

PR **PPROGRAMMING SKILLS**

AZURE SQL

DATABRICKS

AZURE DATA FACTORY

ANACONDA

POWER BI

MS EXCEL

VISUAL STUDIO

**CLOUD TECHNOLOGY**

**SOFTWARE SKILLS**

SYNAPSE

BOOTSTRAP

CSS

JIRA

CONFLUENCE

SQL

PYTHON

PYSPARK

MONGO DB

HTML

HADOOP

SCALA

PHP

**MANAGEMENT TOOLS**

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CERTIFICATIONS

1. **Introduction To Big Data**

* Learned about the terminologies and fundamental concepts underlying big data challenges, applications, and systems. [**(See Certificate)**](https://motionstreet.thinkingtales.com/resume/big-data-intro.pdf)

1. **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)**](https://motionstreet.thinkingtales.com/resume/edubridge-data-analyst.pdf)

1. **Data Engineer Certified**

* A professional certified in data engineering, skilled in designing, building, and maintaining data infrastructure and pipelines.

[**(See Certificate)**](https://motionstreet.thinkingtales.com/resume/junior-data-engineer.png)

1. **Azure Fundamentals (AZ-900)**

* Microsoft Certification on Azure Fundamentals certification which confirms my grasp of essential Azure concepts and services. [**(See Certificate)**](https://motionstreet.thinkingtales.com/resume/Azure_Fundamentals.pdf)

1. **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)**](https://motionstreet.thinkingtales.com/resume/IBM%20Big%20Data.pdf)

INTERESTS

GAMING

DESIGNING

WRITING

READING

FITNESS

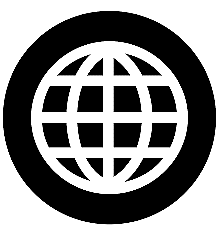
COOKING

CYCLING

RAKESH KUMAR SINGH

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ASSOCIATE CONSULTANT – CAPGEMINI INDIA (2021 – PRESENT)



ABOUT

Passionate and results-driven professional with 3 years of experience 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 and aims to create a lasting impact in dynamic work environments.

WORK EXPERIENCE

**Everest Insurance**

* 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 - (Period: 1st May 2024 – Present)

**Hindustan Unilever**

* 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.
* Carefully re-constructed 200+ data pipelines with complete functionality such as data sources, activities, pipelines, triggers and integration runtimes for orchestrating and automating data workflows.
* 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.
* Worked on different stories/(CRs) addressing any change, modification or development required on any existing Burberry Live Reports in Production.
* Analyzed and fixed many data mismatches and data reloading issues in data pipelines.

Data Engineer - (25th Aug – 30th April 2024)

**Burberry London**

* 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.

Big Data Engineer & Developer - (Period: 1st Jan 2022 – 20th Aug 2023)

**Millennial Garage**

* 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.

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

**SEO Design Pvt. Ltd.**

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

Full Stack Developer - (Period: 06th Feb 2020 – July 30th 2020)

EDUCATION

**BACHELOR OF TECHNOLOGY**

CGPA - 7.8 | Percentage- 70.56%

Lingaya’s University | Computer Science & Engineering

Aug 2016 – July 2020

**CLASS XII**

CGPA - 7.8 | Percentage- 76.44%

DAV Senior Secondary Public School - (2015-2016)

May 2015 – Aug 2016

PROFESSIONAL SKILLS

**SOFTWARES -**

Anaconda, Power BI, MS Excel, Visual studio

SQL, Python, Pyspark, Spark, Mongo DB, Scala, Hadoop, HTML, CSS, PHP, Bootstrap

**PROGRAMMING -**

Confluence, Jira

**MANAGEMENT TOOLS - -**

Azure Data Factory, Databricks, Azure Synapse, Azure SQL

**CLOUD -**

CERTIFICATIONS

* **Data Engineer Certified**

A professional certified in data engineering, skilled in designing, building, and maintaining data infrastructure and pipelines. [(See Certificate)](https://motionstreet.thinkingtales.com/resume/junior-data-engineer.png)

* **Azure Fundamentals (AZ-900)**

Microsoft Certification on Azure Fundamentals certification which confirms my grasp of essential Azure concepts and services. [(See Certificate)](https://motionstreet.thinkingtales.com/resume/Azure_Fundamentals.pdf)

* **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)](https://motionstreet.thinkingtales.com/resume/IBM%20Big%20Data.pdf)

* **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 Certifcate)](https://motionstreet.thinkingtales.com/resume/edubridge-data-analyst.pdf)

* **Introduction To Big Data**

Learned about the terminologies and fundamental concepts underlying big data challenges, applications, and systems. [(See Certifcate)](https://motionstreet.thinkingtales.com/resume/big-data-intro.pdf)

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DATA ENGINEER - ASSOCIATE CONSULTANT – CAPGEMINI INDIA (2021 – PRESENT)

RAKESH KUMAR SINGH

CERTIFICATIONS

SKILLS

**Hindustan Unilever**

* 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.
* Carefully re-constructed 300+ data pipelines with complete functionality such as data sources, activities, pipelines, triggers and integration runtimes for orchestrating and automating data workflows.
* 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.
* Worked on different stories/(CRs) addressing any change, modification or development required on any existing Burberry Live Reports in Production.
* Analyzed and fixed many data mismatches and data reloading issues in data pipelines.

Data Engineer - (25th Aug – 30th April 2024)

**Everest Insurance**

* 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 - (1st May 2024 – Present)

[Introduction To Big Data](https://motionstreet.thinkingtales.com/resume/big-data-intro.pdf)

EXPERIENCE

Passionate and results-driven professional with 3 years of experience 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 and aims to create a lasting impact in dynamic work environments.

SUMMARY

[Associate Data Analytics](https://motionstreet.thinkingtales.com/resume/edubridge-data-analyst.pdf)

[Microsoft Azure Fundamentals (AZ-900)](https://motionstreet.thinkingtales.com/resume/Azure_Fundamentals.pdf)

[IBM Big Data](https://motionstreet.thinkingtales.com/resume/IBM%20Big%20Data.pdf)

[Data Engineer Certified](https://motionstreet.thinkingtales.com/resume/junior-data-engineer.png)

MS Excel

Visual Studio

Power BI

Anaconda

Confluence

JIRA

Azure SQL

Azure Synapse

Databricks

Azure Data Factory

MongoDB

PySpark

Spark

Python

SQL

Scala

PHP

CSS

HTML

Hadoop

Bootstrap

ONLINE PROFILES

**Burberry London**

* 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.

Data Engineer & Developer – (1st Jan 2022 – 20th Aug 2023)

**BACHELOR OF TECHNOLOGY**

CGPA - 7.8 | Percentage- 70.56%

Lingaya’s University | Computer Science & Engineering

**CLASS XII**

CGPA - 7.8 | Percentage- 76.44%

DAV Senior Secondary Public School

(May 2015 – Aug 2016)

Hindi

(Native or Bilingual Proficiency)

English

(Full Professional Proficiency)

(Aug 2016 – July 2020)

EDUCATION

LANGUAGES

**SEO Design Pvt. Ltd.**

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

Full Stack Developer – (06 Feb 2020 – July 30 2020)

**Millennial Garage**

* 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.

Project Lead - (10 Aug 2021 – 31 Dec 2021)

RAKESH KUMAR SINGH

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DATA ENGINEER - ASSOCIATE CONSULTANT – CAPGEMINI INDIA

SUMMARY



A results-driven data engineer with over three years of experience in big data, machine learning, data science, and cloud technologies. Skilled in developing and optimizing data pipelines and collaborating with teams to deliver high-quality client service and dedicated to solving challenges in fast-paced environments.

WORK EXPERIENCE

**Everest Insurance**

* Built and maintained data pipelines using TPA, SoR, USPS, etc., to ADLS Data Lake, handling over 1 TB of data daily.
* Enhanced efficiency by debugging production notebooks and streamlining workflow processes, reducing runtime by 35%.
* Authored comprehensive documentation for data pipelines and ETL processes, improving onboarding efficiency by 20%.
* Optimized SQL queries for performance, resulting in a 50% reduction in data retrieval times.

Data Engineer

*May 2024 – May 2024*

**Hindustan Unilever**

* Engineered Intelligent Pipelines for parallel data loading with periodic scheduling.
* Re-constructed 250+ data pipelines with comprehensive functionality, including triggers and integration runtimes.
* Merged multiple Azure Data Pipelines, improving efficiency by 40%.
* Debugged many Databricks notebooks, resolving issues and fixing failures.

Data Engineer

*August 2023 – April 2024*

**Burberry London**

* Managed multiple 50 CRs for live reports, ensuring modifications were accurate, achieving a 99% accuracy rate.
* Collaborated with various development team for follow-up tasks, ensuring error-free reports and reducing post-deployment issues by 40%.
* Collaborated with Burberry business users to secure official approval, ensuring seamless production deployment.
* Conducted rigorous Unit and Regression Testing to ensure robustness and reliability.

Big Data Engineer & Developer

*January 2022 – August 2023*

**Millennial Garage**

* + - * Made an EDA Dashboard with interactive graphs and ML algorithms using Python (Plotly, Streamlit, Seaborn) ans was capable of generating detailed report within 5 seconds.
      * Integrated few algorithms such as regression, decision trees, and random forest models for enhanced analytics with an accuracy of 92%.
      * Implemented data cleaning and validation techniques to ensure accuracy and reliability.
      * The dashboard was officially launched internally for sharing with colleagues for internal purposes.

Internal Project Lead

*August 2021 – December 2021*

**SEO Design Pvt. Ltd.**

* Designed, developed, maintained, and deployed more than 25 websites and applications, managing both front-end and back-end tasks.

Full Stack Web Developer

*February 2020 – July 2020*

* **Bachelor Of Technology in Computer Science and Engineering**

Lingaya’s University, Faridabad

*August 2016 – July 2020*

EDUCATION

CERTIFICATES

* **Introduction To Big Data** - Learned about the terminologies and fundamental concepts underlying big data challenges, applications, and systems. [**(See Certificate)**](https://motionstreet.thinkingtales.com/resume/big-data-intro.pdf)
  + - * **Azure Fundamentals (AZ-900) -** Microsoft Certification on Azure Fundamentals certification which confirms my grasp of essential Azure concepts and services. [**(See Certificate)**](https://motionstreet.thinkingtales.com/resume/Azure_Fundamentals.pdf)
      * **IBM Big Data** - Learned about Big Data tools including Hadoop, Hive, HBase, and Pig to manage and analyze large datasets, enhancing my capabilities in the world of data processing and analytics.[**(See Certificate)**](https://motionstreet.thinkingtales.com/resume/IBM%20Big%20Data.pdf)
      * **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)**](https://motionstreet.thinkingtales.com/resume/edubridge-data-analyst.pdf)
      * **Data Engineer Capgemini Certified -** A professional certified in data engineering, skilled in designing, building, and maintaining data infrastructure and pipelines. [**(See Certificate)**](https://motionstreet.thinkingtales.com/resume/junior-data-engineer.png)

LANGUAGES

ONLINE PROFILES

TECHNICAL SKILLS

* + - * Data Visualization: Plotly, Streamlit, Seaborn
      * Softwares**:** Anaconda, Power BI, MS Excel, Visual Studio
      * Cloud Platforms: Azure Data Factory, Azure Synapse, Azure SQL
      * Management Tools: Confluence, Jira
      * Big Data Technologies: Databricks, Hadoop, Spark, ADLS

* + - * Programming Languages: SQL, Python, Pyspark, Spark, Mongo DB, Scala, Hadoop, HTML, CSS, PHP, Bootstrap
* LinkedIn: [**(View Profile)**](https://www.linkedin.com/in/rakesh-kumar-singh-3256b920b/)
* GitHub: [**(View Profile)**](https://github.com/rakeshkali2020)
* Hindi: Native or Bilingual Proficiency
* English: Full Professional Proficiency