RAJ KUMAR M

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OBJECTIVE

Over 3 years of professional experience working as Senior IT analyst with adequate reasoning and probabilities for any operational challenges. Diligent, Competent, and Versatile professional. Proficient coder in Python, MySQL, and Profound expertise in Developing SQL queries in Google Big Query Database for analysis of Feedback and Business Reporting data.

EDUCATION

New England College   Henniker, New Hampshire
Master of Science in Computer Information Systems   **May 2023**
GPA: 3.85/4.0

TECHNICAL SKILLS

Data Analysis Tools: SQL, Google BigQuery, Cloud Shell SQL

Cloud Platforms: Google Cloud Platform (GCP)

Scripting & Programming: Python

Operating Systems: Linux, Ubuntu

Data Visualization: Tableau, Google Data Studio

Tools: Docker, Terraform, Kubernetes, Git, Jenkins, SSMS, Visual Studio, Jira

Version Control: GIT, GitHub

EXPERIENCE

Client: Google, India
Senior Analyst (Google BigQuery, IAM, Cloud Shell, Python, JavaScript)   **Nov 2020 – Aug 2021**

- Actively participated in Agile Scrum, contributing to sprint planning, backlog refinement, and daily stand-up meetings to ensure alignment between data analysis tasks and project goals.
- Leveraged SQL, Google BigQuery, and Cloud Shell to extract, manipulate, and analyze large datasets efficiently.
- Developed and implemented data pipelines leveraging Spark for extraction, transformation, and loading (ETL) tasks.
- Automated deployment processes using Jenkins, optimizing workflows, and reducing deployment time by 40%.
- Implemented Docker containers to streamline data processing, facilitating a more agile and scalable environment.
- Utilized Kubernetes for container orchestration, ensuring seamless application deployment and management.
- Conducted data analysis and manipulation using Python scripts, enhancing automation and efficiency in data processing.
- Conducted data migrations and optimizations on GCP, utilizing Kubernetes and Terraform to streamline the process.
- Created interactive dashboards and data visualizations to communicate key insights using tools such as Google Data Studio.
- Aligned technological solutions with business objectives, analyzing market trends and industry standards to ensure systems supported critical business needs effectively.
- Managed and maintained repository systems like GIT, ensuring version control and collaboration among development teams.

Client: Google, India
Information Technology Analyst (GCP, SQL, Python, JavaScript)   **Oct 2018 – Oct 2020**

- Utilized agile project management tools such as JIRA to track and manage data analysis tasks, ensuring transparency and accountability within the team.
- Conducted regular performance tuning and optimization of SQL queries to improve data retrieval efficiency.
- Conducted exploratory data analysis using Python and SQL to identify trends, anomalies, and correlations within datasets.
- Implementing data quality frameworks and processes to ensure data accuracy and consistency.
- Conducted system upgrades, patch management, and performance tuning to enhance system reliability.
- Conducted routine system checks, performance monitoring, and capacity planning to prevent downtime and optimize operations.
- Provided training and mentorship to junior data analysts, fostering a culture of continuous learning and skill development within the team.

CERTIFICATES

- Machine Learning on Google Cloud Specialization
- From Data to Insights with Google Cloud Specialization
- DevOps on AWS Specialization