Aniket Kumar

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EXECUTIVE SUMMARY

A **versatile technology leader** with expertise in **cloud infrastructure, data Engineering, and DevOps practices**. Proven ability to design scalable solutions, optimize performance, automate processes, and drive operational efficiencies through data-driven decision-making. Collaborative team player adept at troubleshooting complex issues and delivering innovative outcomes.

FUNCTIONAL EXPERTISE

- **Cloud Infrastructure Specialist**
- **SQL & Database Administration**
- **Technical Support & Troubleshoot**
- **Data Engineering & Analytics**
- **CI/CD & DevOps Automation**
- **Python & Scripting Proficiency**

FUNCTIONAL EXPERTISE DEMONSTRATED

Cognizant Technology SolutIon
From June 2022
A multinational IT services and consulting company with over 347K employees, providing innovative solutions across industries and generating $19.2B in annual revenue.

Technical Lead
Resourceful Technical Lead adept at managing cross-functional teams, designing scalable cloud infrastructure, optimizing databases, automating DevOps processes, and leveraging data analytics for business growth.

- *Cloud Infrastructure Specialist*: Designed and implemented a highly scalable cloud infrastructure for different companies. In some cases increasing application performance by ~30% and reducing operational costs by ~20%.
- *Data Engineering & Analytics*: Developed and automated data pipelines using Python to extract, transform, and load data into a data warehouse, enabling efficient data analysis for business intelligence to drive data-driven decision-making.
- *SQL & Database Administration*: Troubleshot a cloud database bottleneck, identified inefficient queries as the root cause, and implemented optimized queries improving response times by 50%.
- *CI/CD & DevOps Automation*: Integrated CI/CD pipelines into the workflow, leading to faster deployments and reduced time-to-market for new features while promoting DevOps methodologies.
- *Technical Support & Troubleshoot*: Collaborate cross-functionally to troubleshoot technical issues, leveraging analytical skills to identify root causes and implement effective solutions ensuring operational efficiency.
- *Python & Scripting Proficiency*: Scripted automated Python tasks to manage cloud resources and streamline processes, demonstrating clean, efficient, and well-documented coding abilities.

Mahindra Finance

Apr 18 – May 22

Mahindra Finance, a leading Indian NBFC with over 34,000 employees, provides financial solutions to individuals and businesses.

Senior Software Developer   **(Jan 22 - May 22)**

Payroll- Octaware Technologies Ltd

Designed, developed, and implemented data pipelines and cloud infrastructure to support critical financial applications for Mahindra Finance.

- ***SQL & Database Administration*:** Developed and optimized complex SQL queries, stored procedures, and functions for Oracle databases and GCP BigQuery, ensuring data integrity, consistency, and security through performance tuning techniques like query optimization, indexing, and partitioning.
- ***Data Engineering & Analytics*:** Collaborated with stakeholders to understand business requirements and translate them into SQL queries and data models, designing and implementing database schemas and data models to support analytics and business intelligence needs.
- ***Python & Scripting Proficiency*:** Wrote efficient and scalable SQL code conforming to best practices, and leveraged Python for automating tasks, interacting with cloud APIs, and designing end-to-end streaming and batch data analytics pipelines.
- ***Cloud Infrastructure Specialist*:** Worked on Hadoop-supported projects on Dataproc and analyzed data using cloud functions, demonstrating expertise in designing and managing cloud infrastructure solutions

Associate Software Engineer   **(Sep 21 - Jan 22)**

Payroll- Media Agility India Pvt Ltd.

Designed, developed, and implemented data pipelines and applications to support critical financial operations using cloud technologies

- ***Technical Support & Troubleshoot*:** Configured and troubleshot Google Cloud infrastructure and NGINX servers, supporting ICICI Bank's payment system and resolving data flow interruptions, ensuring seamless operations for enterprise clients.
- ***Cloud Infrastructure Specialist*:** Supported Google Cloud Enterprise migrations and post-migration operations, demonstrating expertise in cloud infrastructure management and ensuring smooth transitions for organizations.
- ***Python & Scripting Proficiency*:** Implemented proxies and header blocking, leveraging scripting skills to enhance system security and protect against potential vulnerabilities.
- ***SQL & Database Administration*:** Collaborated with teams to identify and resolve database-related issues, applying SQL and database administration knowledge to maintain data integrity and optimize performance.
- ***Data Engineering & Analytics*:** Analyzed system logs and performance metrics to identify bottlenecks and opportunities for process improvements, leveraging data analytics skills to drive operational efficiencies.

IT Support Specialist   **(Apr 18 - Sep21)**
Payroll-Net Business Solution
Provided IT support for loan applications, cloud infrastructure, and internal applications across Mahindra Finance. Collaborated with a team of 12 to ensure efficient troubleshooting and resolution.

- *SQL & Database Administration*: Provided support for loan applications by handling databases, executing SQL commands like update, delete, and select, and writing queries to identify root causes of errors faced by end-users.
- *Technical Support & Troubleshoot*: Utilized ticketing tools (JIRA, ServiceNow, Rally, FreshDesk, Felicity) to track and manage the lifecycle of multiple IT support requests, ensuring efficient issue resolution and optimizing corrective action planning.
- *Data Engineering & Analytics*: Analyzed system logs and performance metrics to identify bottlenecks and opportunities for process improvements, leveraging data analytics skills to drive operational efficiencies in a fast-paced environment.
- **Cloud Infrastructure Specialist:** Identified and mitigated vulnerabilities in cloud projects, applying cloud infrastructure expertise to strengthen security and protect critical systems.

RELEVANT PROJECTS
Cloud Infrastructure Engineering (Remote): Cloud Infrastructure Engineer for Personal Websites (May 2023 - Current)
Programming Proficiency(Remote): Built responsive websites ([Aniruddhacharya Ji](#) & [Aryan Cabs](#)) from scratch using HTML, CSS & Javascript and make backend for input data. (May 2023 - Current)

EDUCATION
Master of Computer Application (Computer Science) 2015-2018. [AKTU](#) (UP, India)

Bachelor of Computer Applications (Computer Science)2019-2021. [CCSU](#) (UP, India)

Additional Professional Development:
- [GCP Certified - Associate Cloud Engineer.](#) (Cert ID. tHT93d) – Google Cloud (2022)

OTHER RELEVANT INFORMATION
Additional Languages: Hindi(Native)
Technical Skills: Cloud Platforms (AWS, Azure, GCP), Cloud Support (AWS, Azure, GCP), Data Pipelines (Python, GCP Dataflow), SQL, Scripting (Python, Shell), Database Management, Infrastructure Management, Data Processing Tools (Pandas, PySpark), Version Control Systems (Git), Operating Systems (Windows, Linux), Office Suite (M365, Google Workspace)