Tripti Ahuja

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PROFESSIONAL SUMMARY

Senior Data & Cloud Engineer with 8+ years of experience building scalable analytics platforms, data pipelines, and business intelligence solutions using AI tools and Python-based scripts. Proven expertise in cloud engineering (AWS, Azure) and enterprise data architecture.

EXPERIENCE

Mphasis Limited   India
Senior Analytics and Cloud Engineer   Jan 2023 – Present
Techstack: Python, AWS (S3, Lambda, ECS), AWS EC2, Azure Data Factory, SQL (Azure SQL, PostgreSQL), Analytics

- Led multiple server migration projects from on-premises to AWS cloud, including application re-architecture, data migration, and infrastructure optimization reducing operational costs by 30%.
- Implement monitoring and alerting systems for cloud resources, ensuring 99.9% uptime and quick issue resolution.
- Develop Python scripts using Cursor and Claude for building full-stack applications and Tableau automation, leveraging REST APIs to automate workflows, content publishing, and administrative tasks across cloud platforms.
- Deploy cloud infrastructure on AWS using EC2, S3, Lambda, and ECS, managing server configurations, security groups, and auto-scaling policies for high-availability systems.
- Develop ETL pipelines using Azure Data Factory and AWS Lambda for automated data ingestion, transformation, and loading across multi-cloud environments.

Ultimate Kronos Group   India
Senior Analyst   Dec 2019 – Oct 2022
Techstack: Tableau, Power BI, SQL (Azure SQL), Python, Azure Data Factory

- Developed 20+ Tableau and Power BI dashboards tracking finance, operations, and workforce analytics KPIs, supporting data-driven decisions for senior leadership.
- Optimized complex SQL queries and stored procedures in Azure SQL, reducing report generation time by 40% and improving data pipeline efficiency.
- Implemented comprehensive data validation and reconciliation processes across multiple source systems, ensuring 99.9% data accuracy in enterprise reporting.
- Served as subject matter expert (SME) for BI reporting, providing technical guidance, conducting user training sessions, and managing enhancement requests.

Accenture Solutions Pvt Ltd   India
Business Analyst   Jan 2017 – Dec 2019
Techstack: Excel, VBA, SQL, Power BI, SharePoint

- Gathered and documented detailed business requirements for analytics solutions, creating functional specifications and process flow diagrams for development teams.
- Built automated MIS reporting systems using Advanced Excel, VBA macros, and SQL queries, reducing manual reporting effort by 60%.
- Facilitated stakeholder workshops and requirement elicitation sessions, ensuring alignment between business needs and technical solutions.
- Prepared executive dashboards and presentations for C-level stakeholders, translating complex data insights into actionable business recommendations.

EDUCATION

Symbiosis School of Distance Learning   Pune, India
PG Diploma in Business Administration   Feb 2017 – Feb 2019

Mahatma Gandhi University   India
Bachelor of Business Administration   Jul 2013 – Jul 2016