

Ayaz Mirza

Senior Consultant

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PROFILE

Data Engineer with 5+ years of experience in designing, building, and optimizing high-volume ETL pipelines using Ab Initio and SQL. Skilled in automation with Shell scripting and Ansible, data visualization with Power BI, and leveraging Google Cloud Platform (GCP) & AWS for scalable cloud-based solutions. Strong background in troubleshooting performance issues, ensuring data quality, and delivering efficient, reliable data workflows.

PROFESSIONAL EXPERIENCE

Wipro Limited

Senior Consultant | Ab Initio ETL · SQL · Data Engineering · Cloud

11/2019 – present

Greater Noida, India

Data Engineering & ETL Pipeline Management

- Designed and optimized **Ab Initio ETL workflows** for client data processing (transformation, cleansing, enrichment).
- Developed **parameterized ETL graphs** and scheduled jobs through **Control Center**, improving automation and reliability.
- Hands-on with key **Ab Initio components**: Rollup, Scan, Join, Partition by Key/Round Robin, Gather, Merge, Interleave, Lookup, Reformat, Sort, Dedup.
- Built **SQL-based data validation/reconciliation** checks to ensure accuracy and quality across the pipeline.

Cloud & BI Integration

- Exposure to **cloud environments** : **Google Cloud Platform** (Terraform, Compute Engine, Load Balancing, Generative AI labs) and **Amazon Web Services**(AWS EC2) for cloud-native workflows.
- Experience with developing dashboards using **Power BI**

Automation & Infrastructure as Code (IaC)

- Automated ETL job monitoring using **UNIX shell scripting**, reducing manual intervention by 50% and improving operational efficiency by 30%.
- Developed **Ansible playbooks** for server configuration, task automation, and process orchestration.

CI/CD & Scheduling

- Automated ETL workflow deployments, integrated into CI/CD pipelines.
- Configured automatic job execution and **restart/recovery scripts** using shell + Ansible.
- Experience with **Control Center scheduling**.

Monitoring & Troubleshooting

- Configured **Grafana dashboards** to monitor ETL job performance, system metrics, and logs.
- Performed **troubleshooting** of ETL workflows to reduce failures and optimize runtime.

Leadership & Collaboration

- Acted as **L2 ETL & DevOps Engineer**, mentoring L1 team members and ensuring smooth troubleshooting and issue resolution.
- Collaborated with **cross-functional teams** (DevOps, data engineering, cloud architects) to enhance ETL infrastructure and streamline deployments.
- Contributed to **design documentation (HLD/LLD)** and supported **Unit/System/UAT testing** phases with stakeholders.

Cosmo Info Solutions

06/2019 – 10/2019

Frontend web developer

Lucknow, India

- Skilled frontend developer proficient in HTML, CSS, JavaScript, and ReactJS.
- Experienced in designing eye-catching landing pages to boost user interaction.
- Expert at creating user-friendly interfaces that adapt seamlessly across devices.
- Committed to achieving polished designs and staying updated with web development trends.

SKILLS

- | | | |
|----------------------|------------------------------|-----------------------------|
| • Ab Initio ETL tool | • PostgreSQL SQL PL/SQLQ | • Shell scripting |
| • Ansible | • Google Cloud Platform | • Amazon Web Services (AWS) |
| • Power BI | • HTML CSS Javascript | • ReactJS |
| • Git Github | • Grafana | |
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EDUCATION

A. P. J. Abdul Kalam Technical University

05/2015 – 05/2019

Bachelor of Technology

Lucknow, India

Lucknow Public School

04/2014 – 04/2015

Senior Secondary Education (12th)

Lucknow, India

Stella Maris Convent

03/2012 – 03/2013

High School Education (10th)

Sultanpur, India

PROJECTS

System metrics monitoring script

Tech stack used : Shell, Postgresql, Unix commands

Create a unix system metrics monitoring script using my shell scripting skills and logged the data to a postgres database hosted on render.com.

Personal Portfolio

Tech stack used : HTML, CSS, Javascript, ReactJS

Developed my personal portfolio website using reactjs.

Unix bot [↗](#)

AI tool which helps in crafting shell commands

QuerySmith [↗](#)

AI tool to generate SQL queries

Gen-a-mail [↗](#)

Email generation AI tool

Devops script Generator [↗](#)

AI tool to generate infrastructure as code scripts for Docker, Terraform and Ansible

EC2 Manager TUI [↗](#)

A CLI tool to manage EC2 instances. It uses the AWS SDK for Python to interact with the AWS API.

CERTIFICATES

- | | | |
|--|--|---|
| • Google Cloud Platform Associate Cloud Engineer Certification ↗ | • The Skills Challenge at Next 2025 ↗ | • Gen AI: Beyond the Chatbot ↗ |
| • Build Infrastructure with Terraform on Google ↗ | • Implement Load Balancing on Compute Engine ↗ | • Set Up an App Dev Environment on Google Cloud ↗ |

AWARDS

Best Individual in a Delivery Operations [↗](#)

Got Best Individual in a Delivery Operations award in my last project.

Best Delivery Support Function FY22 Telkomsel Team [↗](#)

Got Best Delivery Support Function FY22 Telkomsel in my last project.

INTERESTS

Technology | Artificial Intelligence | Cricket | Badminton | Youtube | Social Media