Aghashir Hadiyev

aghashir08@gmail.com   512.808.6400   Austin, TX

Engineer with 7+ years of experience in data, quality, and project engineering. Provided daily strategic direction, demonstrated success, established a reputation across industries as a trusted consultant.

EXPERIENCE

PIMCO: Investment Management via Gemini Solutions: May 2022 – Present
Senior Data Engineer
- Automated S3 data validation with targeted alerting for data quality issues using python.
- Developed and maintained ETL pipelines with Apache Airflow to feed daily data to prod jobs.
- Utilized Grafana for monitoring and visualization of Real time market data, implemented alerting to business in cases failure of CDCs (Change Data Capture) using MySQL.
- Led S3 data reconciliation and gap-filling automation project, reducing manual effort by 99%. Created and automated data pipelines to facilitate big data transfer from kdb+ to Amazon S3.

Schlumberger: February 2017 – May 2022
Senior Data Engineer
- Led a Predictive Analytics project, introduced failure detection system, caught 20 failures before SQ impact.
- Led the deployment of 40+ monitoring projects, 23% production increase since the deployment to the field.
- Delivered custom analytics solutions and performance growth, while reducing cost and production time.
- Utilized Tableau for analysis and visualization and implemented analytical models using SQL and Python.
- Automated ETL processes in various projects resulting in a reduction of ~25% effort in each project.

Senior Project Engineer
- Generated over $21.6 million in revenue while leading 4000+ hours of planning, coordination, and execution.
- Saved $3 million and 2,400+ hours, by analyzing work data and implementing a 30% process improvement.
- Retained $840K while resolving explosives, electrical, 15K psi pressure equipment, and software failures.
- Administered 500+ hours in training and certification of 25 junior supervisors and equipment operators.
- Provided strategic direction on well completion procedures, saving company $150K since implementation.

Data Engineer
- Led process improvement projects for production, saving the client 300K in the first year.
- Analyzed the data to address the pressure spikes during production, provided actionable insights.
- Identified areas of improvement through customer data, using SQL improved efficiency by 12%.
- Redesigned the data model, resulting in an increase of predictions in production environment by 9%.

Amec Foster Wheeler: September 2015 – January 2017
Quality Control Engineer

- Provided leadership for 15+ personnel teams with respect to safety, quality, cost, and compliance.

- Collaborated with 50 stakeholders on projects technical solution, development, and timeline confusion.

- Coordinated Quality Control concerns between 10+ company departments and contractors.

- Identified solutions to over 1,600 defects and tasks, partnered with construction group management.

- Ensured adequate corrective measures were implemented in cases of noncompliance.

TECHNOLOGY SKILLS

Python, SQL, Grafana, Tableau, Power BI, Asana, GOC, SAP, AWS EC2, S3, Lambda, Athena, Redshift, Docker, Apache Airflow.

FOREIGN LANGUAGE SKILLS

Russian, Turkish, Azerbaijani (Bilingual).

EDUCATION

Business Analytics, AI and Machine Learning from The University of Texas, Austin, TX.
Data Acquisition, *Testing and Monitoring* from The European Learning Center, Melun, France.
Bachelor of Science *Petroleum Engineering* from The University of Manchester, Manchester, UK