

I'm Meysam Aghili

I'm a **Data / Platform Engineer**, dedicated and results-oriented with 5 years of experience designing, implementing, and maintaining robust data pipelines and architectures.

Proficient in using a variety of technologies. I possess strong problem-solving and analytical skills, a passion for learning, a sense of responsibility, and the ability to collaborate effectively as a team player.

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Resume 



Experiences

2022 - Present Digikala, Inc.

Data/Platform Engineer

- **Kafka & Data Integration Engineering:**
 - Designed, implemented, and maintained a scalable, version-controlled Kafka cluster supporting real-time data ingestion and processing across multiple environments.
 - Developed and managed high-throughput data pipelines integrating MySQL, PostgreSQL, and other sources into data lakes and data warehouses.
 - Performed Kafka upgrades, production maintenance, and version alignment to ensure system stability, security, and performance.
 - Integrated Prometheus and Grafana for proactive cluster monitoring and alerting, improving system reliability and observability.
- **.NET Application & API Development:**
 - Designed and built .NET applications and REST APIs using ASP.NET Web API and Blazor, applying clean architecture principles and enterprise design patterns.
 - Implemented structured logging, data persistence with Entity Framework (EF), and containerization with Docker.
 - Developed and published a reusable utilities library on NuGet, enhancing code reusability and project standardization.
 - Built comprehensive unit and integration test suites to ensure high reliability and maintainability.
- **Data Catalog & Governance Platform:**
 - Architected and developed a full-stack Data Catalog application to centralize metadata, visualize data structures, and manage data governance.
 - Built data classification, tagging, and access management features supporting compliance and security requirements.
 - Implemented LDAP integration, role-based (RBAC) and attribute-based access control, and PostgreSQL row-level security for fine-grained permissions.
 - Engineered backend services in .NET, frontend in React, and containerized the stack for production-ready deployments.
- **Airflow Infrastructure & Workflow Orchestration:**
 - Designed and maintained a production-grade Apache Airflow cluster for orchestrating BI and data workflows.
 - Utilized Docker Operator for dependency isolation and created CI/CD pipelines and custom DAG templates to streamline project deployment.
 - Automated Airflow project onboarding and deployment, improving scalability and consistency across teams.
- **Monitoring, Observability & Alerting Infrastructure:**
 - Built an organization-wide monitoring and alerting system with Prometheus and Grafana to track performance of all projects and infrastructure components.
 - Developed custom exporters for detailed metrics collection from Airflow, Kafka, and application services.
 - Created a production-grade Alerting Middleware API (.NET) for centralized notification delivery to Slack and Microsoft Teams, supporting dynamic webhooks and templated messages.
- **Version Control & CI/CD Automation:**
 - Implemented advanced Git workflows (branching, merge requests, release management) to maintain structured and traceable development cycles.
 - Built automated CI/CD pipelines using GitLab CI for building, testing, and deploying data and application projects.
- **Containerization & Orchestration:**
 - Containerized key applications and services across the organization using Docker for consistency, portability, and scalability.
 - Leveraged Docker Swarm for orchestrating multi-container deployments and optimizing resource utilization.
- **Database Design & Management:**
 - Designed, implemented, and optimized databases including PostgreSQL, SQL Server, MongoDB, ClickHouse, and Redis.
 - Skilled in data modeling, indexing, query optimization, replication, and backup strategies to ensure performance, scalability, and reliability.

2021 - 2022 Digikala, Inc.

Senior BI Developer | Data Analyst

- Lead the design, development, and optimization of dashboards, data models, and ETL pipelines.
- Partner with business stakeholders to identify KPIs, define reporting requirements, and deliver actionable insights.
- Develop automated reporting systems and scalable data solutions to ensure accuracy, accessibility, and consistency across business units.
- Perform advanced data analysis to uncover trends, opportunities, and risks that drive strategic initiatives.
- Mentor junior analysts and contribute to continuous improvement of BI best practices.

2020 - 2021 Nikamooz, Inc.

BI Developer

- Build and optimize data models, ETL pipelines, and data warehouses to ensure efficient data flow and accuracy and scalability.
- Design, develop, and maintain BI dashboards and analytical reports using tools such as Power BI, SSIS.
- Collaborate with cross-functional teams to identify data requirements and translate business needs into technical solutions.
- Analyze large datasets to uncover trends, patterns, and opportunities for business improvement.

Education

2018 - 2022 University of Science and Research

Bachelor of Computer Science

- Completed a Bachelor of Computer Science with a focus on software development, algorithms, and data structures. Gained hands-on experience in programming languages such as C#, Python, and JavaScript, as well as application development. Participated in collaborative projects, coding competitions, and research initiatives, building a strong foundation in problem-solving, system design, and modern software engineering practices.

Core Tech Stack

Experienced In

Apache Kafka

.NET

Python

Docker Swarm

React, Nextjs

GitLab-CI

SQLServer, Postgres

SSIS, SSAS

Debezium

Airflow

PowerBI

ML

Experimented With

ClickHouse

Grafana

Prometheus, InfluxDB

MongoDB, Redis, Elastic

ksqlDB

MinIO

FastAPI

RabbitMQ

Interested In

Data

Engineering

DevOps

IOT