

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 !\[\]\(cf531ed27e91483460120fcc057b3901_img.jpg\)](#)



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.

- 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-Cl
- 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