

# Admir Misini

## Senior Software Engineer

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### SUMMARY

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Senior Software Engineer specializing in building scalable backend systems, APIs, and data pipelines with Python, Django, and Flask. Experienced in web crawling, processing large datasets, and optimizing system performance for reliability and efficiency. I enjoy solving complex backend challenges, improving infrastructure, and collaborating with cross-functional teams to deliver robust, production-ready solutions.

### EXPERTISE

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- Distributed backend systems & microservices
- RESTful API design & implementation
- High-volume data ingestion pipelines
- Cloud infrastructure (AWS)
- Production reliability & incident response
- Monitoring, logging & observability
- Performance optimization & scalability

### EXPERIENCE

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#### Senior Software Engineer

4tech-it

04/2025 – Present

Remote

- Led production support, ensuring uptime and resolving critical backend issues
- Ensured production stability with monitoring, logging, and incident resolution
- Collaborated with cross-functional teams on backend architecture, API design, and delivery of solutions

#### Software Engineer

LYST

05/2016 – 03/2025

Remote

- Architected and maintained distributed crawler systems ingesting structured data from thousands of e-commerce stores
- Owned backend crawler services with responsibility for reliability, throughput, and data correctness
- Handled on call production incidents, diagnosing failures and restoring service under time critical conditions
- Improved backend infrastructure to reduce crawler failures and improve system stability
- Debugged and maintained production systems across regular development cycles and live incidents

#### Freelance Developer

GoData

Freelance.

01/2017 – 03/2025

Remote

#### Data Specialist

PULLA

03/2015 – 04/2016

Prishtina, Kosovo

- Performed data exploration, analysis, and visualization using Python for business insights
- Optimized MySQL queries and data models to support analytics workloads on large datasets
- Designed and developed RESTful APIs to expose data for internal and external consumers

## Software Engineer

CODE X LLC

01/2011 – 02/2015

Prishtina, Kosovo

- Developed automation and analytical components using Perl, Python, and C#
- Built features for processing and analyzing test and performance data
- Worked with SQL Server and data transformation tools to support reporting pipelines
- Mentored junior engineers on development practices and debugging techniques

## IT Systems Administrator

EVENTSCORP

01/2007 – 10/2010

Prishtina, Kosovo

- Provided technical support for networks, operating systems, and enterprise software
- Implemented and supported VoIP telephony systems for internal communication

## EDUCATION

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### University of Prishtina, Faculty of Electrical Engineering and Computing

Completed three years of study

## SKILLS

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### Programming

Python, Django, Flask, Scrappy, Golang, Perl, C#, JavaScript

### Databases and Data

MySQL, SQL Server, pandas, NumPy, matplotlib, Alteryx

### Cloud and DevOps

AWS, Docker, Linux, CI/CD with CircleCI, Git

### Monitoring and Tools

Grafana, Kibana, Sentry, Jira

## LANGUAGES

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### English

Full professional proficiency

### French

Full professional proficiency

### Albanian

Native

### German

Elementary proficiency

## CERTIFICATES

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- Microsoft Certified: Power BI Data Analyst Associate [🔗](#)

## PROJECTS

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### CareerHolo [🔗](#)

A job aggregation platform built with Python, FastAPI, PostgreSQL, Redis, Celery, and Scrappy. It collects, normalizes, and serves engineering job data through backend APIs, with Docker-based deployment.