

YASER AMIRI

Senior Backend Engineer

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SUMMARY

A backend developer with 7 years of experience, spent the past 3 years at a AI/data-driven company. Focused on Python, also enjoys thinking about DevOps principles, concurrency, and distributed systems.

SKILLS

Python	Clojure	FastAPI	Django	AsyncIO	AWS	DevOps	CI/CD	PostgreSQL	Docker
Kubernetes	Airflow	ETL	TimescaleDB	MongoDB	NoSQL	SQL	Linux	RabbitMQ	
Gitlab-CI	Redis	Celery	S3	Mypy	Ansible	Terraform	Kanban	Scrum	Microservices
Event-Driven	Event-Sourcing	REST	GraphQL	Flask	Pytest				

EXPERIENCE

Senior Backend Developer

Eveince Tech GmbH

09/2020 - Present

eveince.com

Product: Quantitative/AI trading system

- Engineered accounting services to manage fund and portfolio assets using Python (FastAPI), Clojure, and TimescaleDB. (which oversee \$10M trades per \$100K asset under management annually)
- Advised and engaged with the Data Science team comprising 5 members through consultancy, code review, and pair-programming sessions.
- Devised a RESTful market data provider component utilizing Python (Starlette) to serve over 100,000 requests/min.
- Orchestrated the migration of the financial reporting system from Clojure to a RESTful Python (FastAPI), resulting in a +70% reduction in report generation time.
- Optimized analytical queries (PostgreSQL) to increase the component's speed. (up to 12x)
- Developed the backend of Eveince's investor dashboard using Django and Django REST Framework.
- Contributed to the setup of infrastructure (Kubernetes, PostgreSQL, and RabbitMQ cluster) and CI/CD pipelines using Helm, Terraform, Ansible, and Gitlab-CI.

Backend Developer

Karbar Mehvar

03/2018 - 03/2020

Product: A social media for local business reviews

- Contributed to the core social media app using Python and Django, implemented the search, reviews, and monitoring features.
- Migrated the admin panel from the Django template engine-based component to a GraphQL-powered service.
- Automated critical operations such as backup/restore, server cleanups, and PostgreSQL vacuuming by devising Ansible playbooks and employing AWX, resulting in a substantial 3-fold reduction in manual operation costs.
- Designed and implemented multi-stage CI/CD pipelines with Gitlab-CI for +5 projects.

Backend Developer

Payam Pardaz

12/2016 - 03/2018

Product: Unified threat management (UTM)

- Constructed a Python and AsyncIO-based log collector (UDP server) to efficiently accumulate, parse, aggregate, and store UTM logs in MongoDB and InfluxDB, resulting in a 75% reduction in RAM usage.
- Acted as a liaison between the network engineering and software development teams, effectively translating requirements and solutions to ensure mutual understanding. This effort led to a 25% reduction in task failures caused by misunderstandings.
- Developed a Python-based web service using Django REST Framework to facilitate log queries and generate comprehensive reports.
- Automated the installation and configuration of the UTM using Ansible, diminishing the occurrence of corrupted installations by 60%.