Mikhail Polykovskii

Lead python developer

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📍 Yerevan, Armenia

in https://www.linkedin.com/in/glader/

Certificates

- AWS Certified Solutions Architect – Associate ⧉

Education

Master's Degree in Engineering,
Ural state university
1996 – 2001 | Yekaterinburg, Russia
Mathematics and computer science

Skills

Python, **API** (HTTP, REST, Security),
Frameworks (Django, FastAPI),
Databases (PostgreSQL, MongoDB,
Clickhouse, DynamoDB),
Queues (Kafka, Redis, AWS SQS),
Containerization (Docker, K8s, Helm),
AWS (EC2, S3, Lambda, Route 54, Load
balancing),
Methodologies (Agile, Scrum, TDD,
DDD),
CI/CD (GitLab, GitHub, Jenkins,
Teamcity)

Languages

English (B2), **Russian** (native)

Projects

FoodRocket, *Food delivery app* ⧉
11/2022 – 03/2023
Position: Lead python developer
Tasks and Achievements:
- Launched several microservices
- Picked up legacy code and made it suitable for further development (tests, refactoring, simplification, unification with other services of the company)
- Established interaction with external services
- Transformed business wishes into working code
- Agreed on interaction with related teams

Quantori LLC, *Life science high-performance search tool*
01/2022 – 11/2022

Position: Lead Software Engineer
Tasks and Achievements:
- Established the development process
- Improved workflow stability and transparency
- Taught team members to write production ready code
- Increased the speed of releases
- Increased the number of unit tests
- Added a tool to automatically gather errors from environments
- Took part in task decomposition
- Created synchronous and asynchronous code to implement new features and fix errors
- Led the project team of 10 people

SBDA Group, *Web interface to prediction model of the demand of grocery in a country-wide retail network* ⧉
03/2020 – 12/2021

Position: Backend teamlead
Tasks and Achievements:
- Built an interface from scratch to view predictions and historical data on a single screen, with ability to pointwise fix a prediction (Django, DRF)
- Developed ETL processes with Airflow, Hadoop, and Clickhouse
- Led a team of seven engineers
- Was responsible for technical decisions, stability and availability of ETL and UI, including CI/CD, code quality, architectural decisions, interactions with neighboring teams

Iponweb, *Advertising platform*
04/2019 – 02/2020

Position: Senior Software Engineer
Tasks and Achievements:
- Improved back end of a company-wide framework based on Django:
- Increased response speed
- Implemented new features

- Suggested architecture solutions, which were implemented later
- Led the development of a back office application (Django, DRF):
- Worked with third-party APIs
- Implemented new features
- Oversaw CI/CD, as well as the overall project stability and efficiency

Yandex, *Lot of projects* ⬈
04/2007 – 07/2018
Position: Python backend developer
Tasks and Achievements:
- Launched the transport schedules service from scratch
- Launched several sports services from scratch
- Participated in the launch of the Yandex.Taxi service
- Optimized projects for high loads
- Maintained and updated legacy projects
- Designed and implemented integration with third-party services
- Developed a consistent reliable versioned api
- Achieved reliable operation of services

Profile

- Seasoned software engineer with a 16 years track record of building applications from scratch, establishing and maintaining development process
- Professional experience in various domains
- Proficient in Python and Django
- Skilled in developing ETL pipelines
- AWS Certified
- Advanced management skills, experience in leading teams up to 10 people
- Confident English speaker