

Mikhail Polykovskii

Lead python developer



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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 (upper-intermediate), **Russian** (native)

Projects

FoodRocket, Food delivery app, the best in its segment

11/2022 – 03/2023

Position: Lead python developer

Tasks and Achievements:

- Transformed business wishes into working code
- Designed architecture for an important part of the project
- Launched several microservices
- Designed and implemented sustainable consistent API
- Picked up legacy code and made it suitable for further development (tests, refactoring, simplification, unification with other services in the company)
- Established interaction with external services
- Agreed on interaction with related teams

FastAPI - PostgreSQL - Kafka - Kubernetes - GCP

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

Django - PostgreSQL - Redis - Kubernetes - AWS

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, *The number one tech company in Russia* [↗](#)

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