Alexander Ptakhin

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Summary

As an Engineering Manager with a proven track record, I've successfully led teams in delivering impactful products. Encouraging and facilitating human-centered management for an outgoing team atmosphere and achieving goals. It's also based on strong full-stack developer experience focusing on customer happiness.

Experience

Senior Engineer, Team Lead
Prestatech GmbH, Berlin
Sep 2022 – Present (>3 years 1 month)
A startup automatizing document processes for banks, loan and estate organizations.

- Managing two cross-functional teams of 4-8 people including developer and QA.
- Launched de.apply.finioo.com: technical leadership. It shipped in 6 months with the first demo iterations from the 1st month. Organized fast deployment process for the product with frontend with design new domain for developers (linters, tests, no blocking code reviews, CI/CD pipelines, Kubernetes adoption).
- AI products launched: researches, testing, integration (LLMs, neural networks).
- Launched numerous internal parsing automation products: technical leadership.
- Cloud costs optimization: switch to multi-tenant deployments, Kubernetes adoption.
- Facilitation of company meetings and retrospectives.
- Technical coaching in the company: pair programming, TDD and engineering tech demos; hiring, onboarding.

As an individual contributor, I've worked on products technical quality, GDPR compliance, ADRs.
Keywords: Python, FastAPI, SQLAlchemy, JavaScript, TypeScript, Vue.js, Kubernetes, PostgreSQL, MongoDB, Azure Cloud, Terraform, Azure DevOps, CI/CD, Microservices, Grafana, Jira, Confluence, DevOps practices, Kanban method, Cursor.

Senior Engineer, Team Lead
Admitad (Mitgo), Moscow
Jul 2020 – May 2022 (1 year 10 months)
A provider of performance marketing solutions, monetization technologies with a partner network of more than 3000 advertisers and +100K active publishers.

- Achieved astonishing reliability SLA goals and further development for internal Data Warehouse product.
- Managed a team of 4 middle developers, their development and hiring.
- Negotiation and contracting with ClickHouse tech consulting and cloud provider.

As an individual contributor, I made HTTP streaming of millions of products from databases with 3 GB output files. Keywords: Python3, asyncio, Clickhouse, PostgreSQL, Kafka, YouTrack, OKRs, facilitation, Kanban method.

Lead Developer, Team Lead
Smart Open Virtual Assistant, Moscow
Apr 2018 – Jul 2020 (2 years 4 months)

Group of companies helping with AI solutions and chat automations for business.

- Managing 1-4 middle developers in three products. Making and decomposing tasks. Planning. Prioritization with PO. Architecture. 1:1
- Made architecture for horizontal scaled crawling process for search ~6000 rps.
- Architecture and development of chatbot IDE.
- Decreased feedback time with Gitlab CI CD.
- Planning of prototype support and architecture for b2b service. Keywords: Python3, JavaScript, ReactJS, Asyncio, PostgreSQL, RabbitMQ, Kubernetes, Redis, SQLAlchemy, Django, Alembic, Debian, Elastic, Ubuntu, Jira.

Software Development Engineer
Yandex Search, Moscow
Dec 2014 – Dec 2017 (3 years)
Yandex Search is the largest search engine in Russia with an estimated 72% market share in Russia and a 2.8% market share worldwide.

- Developed the regression testing and releasing pipeline for the AB-testing metrics platform. Mades possible regular releases with the higher quality.
- Made the storage of the experiment's metrics data and the instrument for analyzing them. The tool gives more transparency for whole Yandex AB experiments.
- Anomalies detection in time-series service: increased throughput and storage x10. Keywords: C++, Python2, Django, MongoDB, Javascript, Ubuntu.

Skills

Python, Unix, Management, Cloud Applications, Microsoft Azure, AWS, Agile Methodologies

Latest courses and certifications

- Technical Leadership Masterclass by Ruth Malan, Dec 2024
- Hiring by Astafiev, Sharovatov 25 hrs, Dec 2023
- [Testing in Python](#) - tough-dev.school. Issued Apr 2023
- [Architecting Microsoft Azure Solutions](#) - Cloud Academy. Issued Nov 2022

Languages

English – Full Professional, German – B1, Russian – native.

Conference talks

- Pipeline ETA 3… 2… Tomorrow – DevOps Days Zurich 2025 [Video](#) | [Slides on SpeakerDeck.com](#)
- Enterprise-ready FastAPI - PyBerlin 2024 [Slides on SpeakerDeck.com](#)
- Sustainable Python Performance - PyConSWE 2023 [Video](#) | [PyScript Slides](#)
- … all public talks and articles at the [published](#) section

Education

Lomonosov Moscow State University (MSU)

2009 – 2014
Specialist (Masters Degree equivalent), Mathematics and theoretical mechanics