

DMITRII ABRAMOV | Engineering Manager

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Work Experience

Tech Lead / VP of Engineering • Preqin (now a part of Blackrock) London, UK 04/2024 – Now

Served as Technology Lead for a Business Unit, overseeing all benchmark products.

- Conceived and launched a new market indices product from the ground up.
- Developed and deployed a Snowflake-based data platform, enabling the safe and reliable automation of data products and introducing a robust data development lifecycle.
- Accelerated feature delivery by re-architecting systems to align with business objectives, leveraging microfrontends, self-contained services and data stores, and event-driven communication.
- Led the successful migration of the entire suite of Benchmark products to a modern technology stack.
- Delivered the first benchmarks integration within the broader BlackRock group in under a month, following BlackRock's acquisition of Preqin.
- Scaled the Business Unit engineering team from a single engineer (myself) to two cross-functional teams comprising engineers and data scientists.
- Simultaneously fulfilled the roles of technical lead and engineering manager across both teams.

Senior Software Engineer • Flawless AI London, UK 02/2023 – 04/2024

Acted as an engineering leader across two engineering teams, providing technical direction.

- Architected and served as a major contributor to the cloud-based AI-driven visual translation product.
- Transformed development workflows by introducing and championing best practices, tools, and training in Continuous Delivery, Domain-Driven Design, and MLOps.
- Mentored engineers, supported their professional growth, and provided technical leadership across two product development teams.
- Designed and implemented an asynchronous communication platform to enable event-driven architecture, including infrastructure, libraries, and development toolkits.

Senior Software Engineer • OakNorth Bank London, UK 09/2022 – 02/2023

Served as the most senior engineer in the Customer Due Diligence team, leading the successful launch of the onboarding due diligence process.

- Facilitated design and requirements analysis sessions with product teams and business risk management stakeholders, ensuring alignment of technical and business objectives.
- Conducted in-depth analysis of vendor solutions, identified critical gaps, and prevented the purchase of unsuitable and costly third-party products — saving significant time and resources.
- Mentored engineers and led technical learning sessions, providing guidance and technical direction within the Payments and Customer Due Diligence teams.
- Collaborated with the Payments & Accounts team to architect and implement robust payment management solution, leveraging Kafka and high-performance asynchronous Python for vendor integrations.
- Introduced process improvements to software development workflows and enhanced communication between engineering and business stakeholders.

Senior Software Engineer • Tessian London, UK 05/2021 – 09/2022

Worked on email security software as a backend engineer in close collaboration with data scientists.

- Developed a malicious URL detection service that allowed to detect 10% more malicious emails.
- I acted as a tech lead in a team of three developers. My team architected and developed an ETL framework and environment that reduced the time for ML research experiments on production data from days to hours.
- Onboarded and mentored five new people in the team (including senior-level engineers).
- Constantly advocated for and educated colleagues across teams on the best software development practices

Software Engineer • Chatfuel Remote 06/2020 – 04/2021

Was a lead behind technology of the growth team for the chatbot marketing platform.

- Increased conversion rate with new flexible payment plans by architecting and developing a new payment system.
- Implemented backend solutions to enable multiple complex product experiments.

Software Engineer (contract) • AMZScout Remote 02/2020 – 06/2020

Worked as a software development consultant.

- Architected and developed microservices for the marketing analytics search subsystem.

Software Engineer (intern) • JetBrains St. Petersburg, Russia 09/2019 – 06/2020

- Worked on research products in Machine Learning for Software Engineering lab.
- Designed a novel algorithm that generates high-level code change representation. It could make the code review process more effective, as the algorithm is aware of the code structure and operates on different levels of abstraction.

Software Engineer (intern) • Deutsche Bank Technology Centre St. Petersburg, Russia 06/2019 – 09/2019

- Worked on designing, creating, and enhancing QA tools for several Bank projects.

Software Engineer (intern) • KeenTools St. Petersburg, Russia 09/2018 – 05/2019

- Implemented an advanced object-tracking VFX plugin for Adobe After Effects.

Co-founder / Founding Engineer • CityQuest St. Petersburg, Russia 2017 – 2018

- With a team of 3 engineers, I worked on a service for outdoor quests. This included an Android application, backend services in Python, and a web application for user content creation.

Education

Bachelor of Science • Higher School of Economics St. Petersburg, Russia 2016 – 2020

- Major in Applied Mathematics and Computer Science.