Seva Brekelov

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EXPERIENCE

Principal Software Engineer
November 2021 – Present

Miro
Amsterdam, Netherlands

- Provide technical leadership and influence in engineering culture such as improving code reviews, observability, and developer experience. Identify inefficiencies and opportunities for significant improvements across the entire stream. Drive cross teams initiatives. Raise the bar by mentoring senior and staff engineers, and interviewing senior and staff+ engineers.
- Led AI engineering teams for Miro AI: Created architecture, developed solution, communicated legal/security questions, represented engineering in the business calls with OpenAI, Microsoft Azure, AWS. Communicated with over 100 people in the organisation to make it happen. Delivered project in 1.5 months, produced the biggest marketing impact in the company history. Built with Java, Kotlin, Python, TypeScript, GitHub actions, Argo CD, k8s.
- Made a major integration with video platform in a limited time built with TypeScript, React, ReactNative.
- Set up a 4 engineers team and delivered audio chat feature built with WebRTC, TypeScript, React, Java.
- Executed the technical Due Diligence process, undertaking a comprehensive review of the codebase and architecture. Defined a strategic roadmap based on findings, contributing to informed decision-making.
- Led team of 4 engineers to ship Draw.io integration within 2 months built with Docker, GitHub Actions, ArgoCD, TypeScript, Java.

Engineering Lead
March 2021 – December 2021

Synthesized
London, UK

- Built and managed a product engineering team with 4 engineers that successfully delivered new company product in time.
- Built product development process, engineering performance review process.
- Started to build dataops community by hosting a podcast with over 7k views for https://www.youtube.com/watch?v=gk8Oadyqp5o.
- Helped to setup hiring pipeline with external agency and hired 2 engineers, 2 UX consultants.
- Represented company and engineering in customer and sales calls.
- Built solution within strict deadlines for data ingestion, transformation and regeneration original data schema, and presented it to the customers.

Self Employed Software Engineer
July 2019 – March 2021

Saint Petersburg, Ru

- Worked with several startups as an Engineer, Engineering lead.

JUG RU Group — Lead Software Engineer, Lead PMM
January 2020 - March 2021

- Took a major role in the transformation of the product to the digital one by developing WebRTC streaming service and multiple players networking gaming solution with Java, TypeScript, NextJS. Created a series of blog posts in the biggest media portal and created 12 popular videos on youtube in order to promote company projects. Articles: https://habr.com/ru/users/vbrekelov/posts/
  Youtube: https://www.youtube.com/playlist?list=PLsVTVVvrKX9ulEqi0KeI- NYXSNCO4o1x0

NEO Saint Petersburg Competence Center — Software Engineer
July 2019 - January 2020

- Helped the company to build a Node Client with Go lang for the blockchain network from scratch. Created a workshop with Blockchain network development and distributed systems and hosted it on the conference. Represented company in the University collaborations. reverse engineered code from Pyhton, C sharp, JavaScript to built compatible interface for the Node Client. Highlighted the new release of the compiler by writing an article.

Staff Software Developer
February 2015 – January 2020

Grid Dynamics
California, US and Saint Petersburg, Russia

- Worked with 3 customers: Google, Nike, Raymond James. Was leading a 12 members team that succeeded in multiple projects. Conducted over 200 interviews to find great talent and build awesome teams. Was a mentor and author of the Java course for QA engineers which helped the company hire the best interns.

Nike — Senior Software Engineer Contractor
July 2018 - August 2019

- Implemented new testing practices which allowed to increase quality and develop one of the services 2x faster. Led the team of 5 engineers and spread the knowledge of using Spring and implementing e2e tests. Presented several approaches in the internal meetups using the Protobuf protocol and TestContainers library to improve code quality.

Google — Senior Software Engineer Contractor   *July 2018 - August 2019*
- Played a key role building a fullstack AngularJs, Java, Google AppEgnine application from scratch in a limited time by leading a team of 9 people including software developers, analysts, and QA engineers. Improved the speed of reading the data from the databases by 4x time and delivered first prototype with a team in 3 months. Helped hire a remote 5 developers team and establish the developer process.

Raymond James Financial, Inc. — QA Automation Engineer Contractor   *February 2015 - October 2016*
- Started as a regular QA Automation Engineer and end up by a Team Lead (with 6-7 engineers). Was a mentor for remote students as well as local engineers. Helped the company to build an integration testing suite with Java and JavaScript (over 3000 tests) and implemented CI/CD approach(10 builds a day). Was involved in customers communication and internal presentations and demo sessions

QA engineer   November 2011 – February 2015
Devexperts   *Saint Petersburg, Russia*
- Started my career as a QA Engineer and Automation Engineer. Succeeded in creating automation framework and tests for FIX components which reduced time of test execution from several days to 30-40 minutes. Integrated running these tests in CI tool (Teamcity). Presented my work at the conference. Created from scratch a framework for testing mobile application.

EDUCATION

Saint Petersburg State University   Saint Petersburg, Ru
Master's Degree, Applied Mathematics   *2011 – 2013*

Saint Petersburg State University   Saint Petersburg, Ru
Bachelor's Degree, Applied Mathematics   *2007 – 2011*

COMMUNITY

ITMO University University Lecturer   Jul 2020 – Dec 2021
- Designed and taught a comprehensive course on Software Testing to 2 classes of 60 students. As the course creator, I developed a curriculum that covered the latest industry techniques and best practices in software testing, and delivered engaging lectures and hands-on assignments to ensure students achieved a deep understanding of the subject matter. Course is available at https://github.com/volekerb/testing-lectures

Saint Petersburg State University Assistant Lecturer   Jan 2014 – Feb 2015
- Successfully led two specialized courses at Saint Petersburg State University with a total of 50 students. One course, "Application of Game Theory," explored the practical applications of game theory in business and economics, while the other course, "Higher Mathematics," provided an in-depth review of advanced mathematical concepts. As the course leader, I guided students through complex material, encouraged active participation, and provided personalized support to ensure each student achieved their learning goals.