

Maxim Kropotov

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Software developer who's passionate about building a product for real users. Don't believe in something being "done" or 'not my job' until the users are happy.
Technical interests: highly available distributed systems, source code analysis, developer tooling.

Experience

Languages: Shipped production code in C#, Java, Kotlin, TypeScript, JavaScript. Minor or academic experience with F#, Ruby, C++, Scala.

Databases / Data Stores: MySQL, MS SQL, TiDB, PostgreSQL, Elasticsearch, MongoDB, Cassandra, Redis.

Methodologies / Practices: pair programming, code review, TDD, continuous integration, microservice architecture.

Work Experience

oct. 2019 –
present

Senior Software Engineer: Bolt, Tallinn (Estonia)

Rides team: Building core services for ridehailing (search, dispatching, order management).

Led cross-team projects to deliver features: writing tech specs, ensuring clear communication, managing feature rollout.

Promoted from Software Engineer To Senior 2 months after moving to new team

Mentored 2 newjoiners

Maintained code in more than 80 team-owned services (microservice architecture).

Campaigns team: Worked on tools for internal users to manage in-app campaigns across all business verticals (ridehailing, rentals, delivery).

Started a project to convert a business-critical process from a batch job to MQ.

Increased throughput (initially: 2x, later: 4x).

nov. 2016 –
oct. 2019

Software Engineer: JetBrains, St.Petersburg (Russia)

Worked on code analysis for JS and TS in WebStorm and IntelliJ IDEA-based IDEs: support for refactoring code from the IDE, support for new language features, maintaining integrations with external code quality tools.

Implemented refactorings for React components.

Contributed to React styled-components plugin for WebStorm.

june 2013 –
july 2016

Software Engineer: SKB Kontur, Ekaterinburg (Russia)

Kontur.Elba — a friendly web service for small business accounting in Russia.

Involved in the whole software development lifecycle: implementing product features, writing functional tests, managing releases, communicating with tech support team, maintaining production and staging environments.

Initiated and implemented several features related to application health monitoring: storing logs in Elasticsearch, JavaScript error reporting, contributed to a Logstash plugin in Ruby.

While working on Elba's mobile app, introduced CI, created a set of scripts that automated deployment for beta versions.

Improved performance of a service responsible for reference data: reduced startup time by using emitted IL code.

Contributed to SimpleContainer (a DI-Container).

Kontur.Diadoc — a web service for exchange of legally binding electronic documents for large corporations.

Month-long internship with the goal of sharing experience with a different team. Reduced response time of a service by a factor of 4. Gained experience working with Apache Cassandra.

summer 2012

Software Developer Intern, SKB Kontur, Ekaterinburg

Summer internship with Kontur.Extern team. Implemented an Asp.Net MVC web app for monitoring servers of Kanso distributed file system.

Education

2008 – 2013

BS, Mathematics and Computer Science, Ural Federal University, Ekaterinburg