

# Anton Kalik

Madrid, Spain, 28029 (100% remote)  
[antonkalik@gmail.com](mailto:antonkalik@gmail.com) | [Linkedin](#) | [Website](#)

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## Software Engineer

- **9+ years of experience** in developing with the latest high-profile technologies from scratch focusing on microservices.
  - Strong skills in building complex scalable solutions with **JavaScript**.
  - Proficient in robust code for high-volume business.
  - Created P2P platform [swaper.com](#) from scratch. Platform was the winner in 2019 and 2020 at [BankingCheck](#) and [WealthFinance](#).
  - Currently Senior Software Engineer at [amenitiz.com](#).
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## Skills

**Frontend:** Javascript, React, HTML, CSS, TypeScript, Apollo, Redux, MobX, Webpack, Esbuild, Vite, Rspack, Sass, SCSS, Enzyme, Jest, Testing Library, Cypress e2e, Playwright, Lint, Classnames, Storybook, Axios, React Router, Styled Components, Yup, Saga, Moment, Jotai, Tailwind, Turborepo, Lerna, React Native

**Backend:** Node.js, GraphQL, Express, Koa, Nest, Mongoose, Knex, Objection.js, MongoDB, Postgres, Redis, Nginx, Ruby on Rails, Go

**Tools:** AWS, Docker, Kubernetes, Circle CI, Yarn, NPM, Pnpm, Git, Heroku, Firebase, Digital Ocean, JetBrains, VSCode, Figma, Jira, Sentry, Segment, Mixpanel, Datadog, Customer.io, Phrase, Consul, GitLab, GitHub, Grafana, NewRelic, Metabase, Rollbar, Currents

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## Experience

**Senior Software Engineer @ Amenitiz at AON | Barcelona, Spain** | October 2022 - Present

Teams: Customer Success, Efficiency, Direct Reservations, Operations

- Led the strategy and execution of a company-wide React migration, moving from legacy architecture to a modern React stack.
- Designed and implemented a **Turbo-Frontend** architecture based on micro-frontends and a shared design system, doubling development velocity.
- Automated package version bumping for the monolith, reducing development time by 20%.
- Coordinated the engineering team to align the monolith frontend with best practices and modular standards.
- Migrated 20% of legacy server-side Ruby code into scalable, frontend-driven micro-frontend components.
- Developed an AI-powered chatbot to improve customer interaction and support.
- Built the frontend flow for an AI-driven website builder, enabling users to create personalized sites with ease.
- Designed and implemented a new client onboarding experience, cutting onboarding time in half.
- Created an integrated messaging system to receive and manage messages from platforms like Airbnb and Booking.com.
- Led the **Frontend Guild**, establishing global frontend standards and promoting knowledge sharing.
- Migrated build packages to Vite and improved build velocity.
- Developed a complex, high-performance calendar for reservation management, doubling its speed and responsiveness.

- Built the core frontend architecture for the **booking engine** from scratch.
- Modernized and rebuilt the automated email system, replacing legacy solutions with a more robust and scalable approach.
- Increased overall frontend test coverage by 60%.
- Improved E2E testing reliability and coverage using Playwright.

*Tech: React, TypeScript, Node.js, Javascript, Ruby, AWS, Go, Playwright, jQuery, Cypress, Turborepo, Jotai, OpenAI, Swagger*

### **Senior Software Engineer @ Coverwallet at AON | Madrid, Spain | January 2021 - October 2022**

Teams: Customer Success Team / Agent Dashboard Team / Quotes Service

- Created a new approach for rendering using Nginx and Node JS for data delivery and removed the Koa layer. Performance of services improved by 80% at 4 applications.
- Improved Consul and localization data provision and struct using sequential asynchronous requests by Node JS. It helps to reduce boilerplate for new app clusters by 50%.
- Integrated unit-test and TDD approach with React testing library with Jest. It helps to reduce manual testing by 30% and coverage increases service stability for 40%.
- Created Node js analytic script for injection data across all app modes at the company in Consul. It saves time for general pool requests related to config changes.
- Migrated and integrated GraphQL on backend Ruby on Rails and frontend React, Apollo. Each request has been improved on performance by 30%.
- Accomplished Redux removal and migration to React Context and Apollo Cache. Codebase has been reduced by 20%. Rerender issue on components improved.
- Accomplished E2E Cypress integration. It's reduced manual testing by 20% in 3 internal projects.

*Tech: React, TypeScript, Node.js, Ruby, AWS, Koa, Redux, GraphQL, MongoDB, Redis, Apollo, Axios*

### **Software Developer @ Wandoo Finance Group | Riga, Latvia | May 2016 - December 2020**

Teams: Peer 2 Peer Platform Team / Frontend Team / Internal solutions

- Created together with IT team [swaper.com](https://www.swaper.com) from scratch include ios/android app using React, Node JS, Java, Rest API, React Native, Express. For 2019 and 2020 in Wealth & Finance Fintech Award this app was the winner as the best European p2p loan Platform and by BankingCheck Award in 2019 as the best Crowdlending Platform. More than 10k active investors nowadays.
- Created scrollable UI flexible Loan Calculator for loan app using React, clean Javascript, Styled Components. Reusable solution integrated in 3 internal loan projects.
- Removed hashrouter and updated React navigation / router for whole frontend infrastructure of Swaper. Indexation for new links has been improved by 30% and conversion has been increased approximately by 20%.
- Accomplished GraphQL integration and refactoring REST API for internal loan originator and backoffice projects using Apollo and React. Data requests performance improved by 30%.
- Created and improved internal services using React, Styled Components, Next JS, Storybook, Jest with Enzyme for unit testing.
- Created global store solution using MobX, React and singleton pattern approach.

*Tech: React, TypeScript, AWS, MobX, Redux, GraphQL, Postgres, Apollo, Axios, Swagger*

## **Education**

**Kostroma Government State Agricultural Academy, Russia | September 2002 - July 2011**

Bachelor of Architect