



# Aleksei Filippov

Software Engineer

## CONTACT

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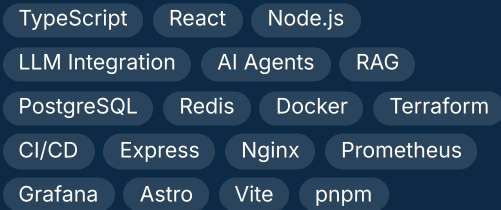


## ABOUT

I build sustainable solutions, balancing code quality with business needs. I adapt quickly, share knowledge openly, and learn from strong colleagues. I actively use AI tools as a primary development lever.

Software Engineer with 6+ years of experience building web products. Strong in React, TypeScript, frontend architecture, and team leadership; also hands-on with Node.js, PostgreSQL, Docker, Terraform, and AI integrations in production work.

## SKILLS



## LANGUAGES

English B1

Russian Native

## EDUCATION

### Bachelor · Management

[Siberian State University of Geosystems and Technologies \(SSUGT\)](#)  
2009 — 2013

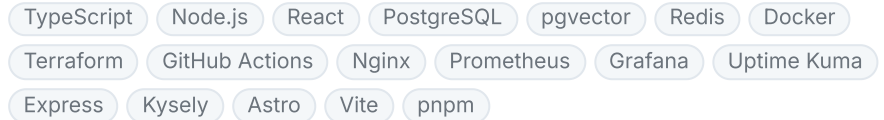
7 YEARS

## EXPERIENCE

### Software Engineer

● September 2025 — Present  
11 months

**BotScale** · [botscale.io](#)



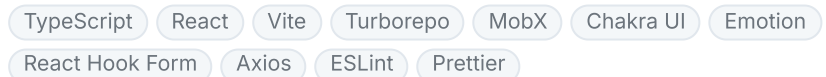
A platform for automating user tasks through conversational assistants, designed to scale across domains, scenarios, and integrations.

- Designed and implemented a dialog-processing engine on a hexagonal plugin architecture: a multi-stage processing pipeline, feature plugins, routing across LLM services, episodic and semantic memory, a domain plugin, and strict separation between business logic and infrastructure through ports and adapters.
- Designed and implemented the system end to end: 2 Telegram bots, 2 API services, 5 web apps, 5 reusable npm packages, and Docker-based infrastructure, building a scalable and isolated architecture.
- Built 4 client-facing apps: a web admin dashboard, a Telegram Mini App with HMAC authentication and payment integration, a CRM operator dashboard with session history and prompt snapshots, and an Astro landing page with region-specific builds.
- Deployed infrastructure with Terraform: Docker containers, automated deployment with auto-rollback, service monitoring with Prometheus, Grafana, and Uptime Kuma, encrypted restic backups, regional deployments, and centralized secrets management via Infisical.
- Designed and implemented a command-line tool for workspace management, standardizing development workflows and reducing time-to-deploy.

### Frontend Lead

July 2024 — December 2025  
1 year 6 months

**The Recon Group - ReturnPro** · [returnpro.com](#) · *via [velvetech](#)*



A flexible e-commerce returns management platform built for integrations with marketplaces such as Shopify, Walmart, and eBay.

- Designed the architecture of two web apps from scratch (a returns management admin panel and a client portal for creating return requests) with a modular structure and internal packages, making new marketplace onboarding faster.
- Integrated apps into a Turborepo monorepo, ensuring unified build configuration and code reuse across projects.
- Optimized linting and formatting configuration (Prettier, ESLint, TypeScript), speeding up development by ~30% through automated enforcement of code standards.
- Created reusable monorepo packages used across 5 apps, eliminating logic duplication.
- Coordinated technical tasks across teams, keeping implementation decisions aligned across developers.
- Developed a UI kit and private libraries, reducing time to build new interfaces by ~20%.

## Frontend Engineer

June 2022 — June 2024

2 years 1 month

**The Recon Group - Workflows** · [returnpro.com](#) · *via [velvetech](#)*

TypeScript React Webpack Redux Redux-Saga Material UI  
Emotion WebSocket Axios React-Konva ESLint Prettier

A flexible logistics automation system for configuring goods-movement workflows across integrated companies.

- Migrated the project from Webpack 4 to Webpack 5, reducing build time by ~15% and speeding up development by ~20% through improved caching and tree-shaking.
- Contributed to product development and support in a distributed team of 20+ developers, improving time-to-market by optimizing processes and standardizing components.
- Mentored 2 junior developers to Middle level in 6 months through pair programming, code reviews, and individual learning plans.

## Frontend Engineer

December 2020 — May 2022

1 year 6 months

**ESGI** · [esgisoftware.com](#) · *via [velvetech](#)*

TypeScript React NX Redux RxJS Stitches Vanilla Extract  
ESLint

An educational platform for creating and running tests, analyzing statistics, and managing academic departments, students, teachers, and administrators.

- Redesigned test creation and assignment flows: reduced steps from 7 to 3, cutting completion time by ~40%.
- Refactored over 40,000 lines of legacy code as part of the redesign, improving readability, maintainability, and frontend stability while reducing bugs by ~25%.
- Introduced LLM-assisted technical documentation support, using GPT to generate descriptions for complex components.
- Implemented a theme-switching system, expanding personalization options for 7 user-role types.

## Frontend Engineer

December 2019 — November 2020

1 year

**MedAdept** · [medadept.com](#) · *via [velvetech](#)*

JavaScript React Redux Redux-Thunk Material UI

A medical portal for doctors and patients to manage clinical cases, track statistics, and communicate with each other.

- Analyzed over 30 client requirements, proposed and implemented UX/UI improvements (input field grouping, form pre-filling), reducing key workflow completion time by ~20%.
- Set up a CI pipeline and introduced automated checks (linting, type checking) on every PR, reducing regressions by ~15%.