

Alexey Popov

Tech Lead / Senior Frontend (Angular) Engineer

Taganrog, Russia · UTC+3 · Remote-first

CONTACT

TELEGRAM

@ASDAlexey

GITHUB

github.com/ASDAlexey

LINKEDIN

in/alexey-popov

PORTFOLIO

asdalexey.github.io

CORE SKILLS

Angular

Angular 2–22, Standalone, Signals, Zoneless, OnPush, NgRx, RxJS, ControlValueAccessor, Angular Material, Ag-Grid

Language

TypeScript, JavaScript (ES2015+), HTML5, SCSS / CSS, BEM, Responsive Design, Web Components

Architecture

Nx Monorepo, Micro-frontends, Design Systems, Clean Architecture, i18n / Localization, SSR (@angular/ssr)

Platforms

Web (SSR), Smart TV (Tizen / webOS), Mobile (Ionic, iOS/Android), Desktop (Tauri + Rust)

CI/CD & Infra

GitLab CI/CD, Docker (multi-stage), Nginx, Kubernetes / Kustomize, Feature Flags

Testing

Jest, Vitest, TestBed, vitest-auto-spy, 90%+ coverage gates, TDD

Backend & Tools

Node.js, Express, REST, WebSocket, PostgreSQL, SQLite, Redis, Rust, Figma, ESLint / Prettier / Stylelint

Leadership

Tech Lead, Frontend Architecture, Code Review, Mentoring, Hiring, Performance Optimization, AI-assisted Dev

LANGUAGES

Russian Native

English Professional (B2)

EDUCATION

Taganrog State Pedagogical Institute (A.P. Chekhov)

Physics & Mathematics, 2004 — 2009 · GPA 4.97 / 5

SUMMARY

Tech Lead and Senior Frontend Engineer with 14+ years building production web apps — 11+ of them on Angular (v2 → v22). I architect large-scale Angular applications end-to-end and ship them across every platform: web (SSR), Smart TV, mobile (Ionic) and desktop (Tauri/Rust). Reactive-first with NgRx, RxJS, Signals and a zoneless, standalone, OnPush architecture. I build GitLab CI/CD from scratch, drive a testing-first culture (90%+ coverage) and lead frontend teams — code review, mentoring and hiring. Currently driving AI-assisted development with custom Claude Code skills, agents and hooks.

KEY HIGHLIGHTS

- Sped up multi-select on large virtualized lists ~200× — from 180–200 ms down to 0.4–0.5 ms per item.
- Led migration from service-based to a layered NgRx architecture with clean business-logic separation.
- Raised unit-test coverage to 90%+ with enforced coverage gates in CI.
- Ran 70+ technical interviews; hired, onboarded and mentored frontend engineers.
- Published vitest-auto-spy on npm — typed auto-mocking for Vitest.

EXPERIENCE

Senior Angular Developer

2023 — Present

Remote

- Architect large-scale Angular apps with a modern reactive stack — NgRx, Signals, zoneless, OnPush — plus a shared design system and libraries.
- Enforce a testing-first culture and CI/CD: coverage gates, performance budgets and automated code-quality checks.
- Drive AI-assisted development to accelerate delivery and code review.

Tech Lead / Senior Frontend

2019 — 2023

The 5th Kind · US, Remote

- Built a distributed digital-asset-management platform used by Marvel, Disney, Warner Bros., Epic Games and Universal (via Sohonet).
- Led the migration to a layered NgRx architecture with clean business-logic separation across effects.
- Sped up multi-select on large virtualized lists ~200× (180–200 ms → 0.4–0.5 ms) via an OnPush + immutability overhaul.
- Wrote custom virtual-scroll strategies for dynamic-height items and complex forms via ControlValueAccessor.
- Ran 20+ technical interviews and helped build the team's code-review process.

Senior Angular Developer / Tech Lead

2018 — 2019

Arcadia Inc. · Taganrog

- Designed the product's UI architecture and refactoring roadmap; shipped 10+ major features.
- Introduced CSS variables and the OnPush + immutability strategy across the codebase.
- Built the mobile iOS/Android app with Ionic; conducted 20+ Angular/JS interviews and trained new hires.

Senior Full-Stack Developer

2015 — 2018

Umbrella IT · Taganrog

- Full-stack delivery (Angular + Node.js) for international US/EU clients — Top Rated, 100% Job Success on Upwork.
- Shipped SPAs and Node.js back ends (rademacher.de, pooltrackr.com).

Frontend Web Developer

2012 — 2015

TutMee Agency · Taganrog

- Built 50+ landing pages and online stores with heavy SVG/animation; focus on responsive layout and performance.

PERSONAL PROJECTS / OPEN SOURCE

Litely

Tauri · Angular 22 · Rust

Cross-platform desktop app for batch image / video / PDF compression (WebP, AVIF, JPEG, PNG, SVG). Browser extension pastes compressed files straight into Jira / GitLab with Cmd+V. Watch-folders, system tray, before/after compare. → asdalexey.github.io/litely

vitest-auto-spy

TypeScript · Open Source · npm

Typed auto-mocking for Vitest — the missing jest-auto-spies. Typed Spy<T>, Observable mocking, zoneless Angular, zero dependencies. → github.com/ASDAlexey/vitest-auto-spy

Bonds Tracker

Angular 22 · Tauri 2 · Rust · SQLite

Personal bonds-portfolio tracker — smart-portfolio optimizer, scored screener and coupon calendar over Tinkoff / MOEX ISS / CBR APIs with KMV-Merton default risk and a Telegram bot.

Claude Code config & skills

AI · Automation

Custom Claude Code skills, agents and hooks that encode project conventions, code generation and an AI code-review workflow for large Angular MRs.