

# Alina Sireneva // Frontend Developer

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## INTRODUCTION

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TypeScript frontend developer with backend and DevOps expertise, passionate about Web3 and AI. Focused on creating efficient, responsive, and user-friendly applications. Committed to continuous learning and professional growth. Seeks collaborative environment to leverage and expand technical skills.

## COMMERCIAL EXPERIENCE

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### Yandex (HR Tech)

Moscow, Russia

#### Interface Developer

2022 – present (3+ years)

Worked on various internal HR services related to compensations and benefits

- Expanded internal **design-system** and UI components library with **20+ new components**
- Contributed to frontend infrastructure and CI, improving average runtime **by 10-15%**
- Introduced server-side translations for instant updates, reducing developers' load by **up to 10h/mo**
- Initiated Webpack to Vite migration, decreasing build time by **up to 20%**
- Migrated from Jest to Vitest, improving DevEx and decreasing CI time by **up to 60%**
- Refactored **3 services** from a monolith to a micro-frontend architecture
- Mentored **2 junior developers**, leading code reviews and being always on-call for any issues
- Optimized multiple data-heavy applications resulting in **20-30% performance boost**

**Tech stack:** React, Redux, RxJS, Vitest, Hermione, Storybook, Node.js

### Combot

Remote

#### Full-stack Developer (Contractor)

late 2024 (~4 months)

- Developed a responsive mobile-first web application with Telegram Mini App support
- Integrated Telegram Mini App SDK into an existing Ruby codebase, leading to **15% more conversion**
- Refactored large amounts of tech debt leading to overall code quality improvements

**Tech stack:** Ruby on Rails, Vite, Svelte+SvelteKit

### NDA (Messenger)

Remote

#### Frontend Developer (Contractor)

2025 – present (~6 months)

- Implemented numerous new app features to maintain feature parity with mobile clients
- Contributed to migration of the codebase from vanilla JS to SolidJS
- Ensured cross-browser compatibility and responsive design across all new and existing features, maintaining a consistent user experience on desktop and mobile web.

**Tech stack:** TypeScript, SolidJS, SCSS

## PERSONAL PROJECTS

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### mtcute – a Telegram MTPROTO library

MTPROTO (Telegram API) library and bot framework in TypeScript with performance in mind.

- Achieved **40%** faster message processing compared to alternative libraries using efficient data structures and algorithms, as well as using **WebAssembly** for performance-critical routines
- Ensured support for both Node.js and browser via **end-to-end testing** (~80% code coverage)
- Built a custom network abstractions library to seamlessly support all runtimes
- Library is being used in enterprise-grade commercial products

## SKILLS & INTERESTS

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**Frameworks:** Next.js/Remix (React), Nuxt (Vue), SolidStart, Astro, tRPC

**Libraries:** Fastify, Nest, Express, jest, vitest, DrizzleORM, TypeORM, Prisma

**Databases:** PostgreSQL, MariaDB, MySQL, SQLite

**Tools & Platforms:** REST, GraphQL, Telegram Bot API, Chrome Extensions, CI/CD, Docker, NixOS, Ethereum, Git, HTML, CSS, OOP, SOLID

**Language:** English - Fluent (C1); Russian - Native

**Interests:** AI/ML, AR and VR, developer tools and libraries, DevOps, JavaScript ecosystem growth and performance, application security and reverse-engineering