

# ALEKSANDR KOROVKIN

Senior React Native & ReScript Developer | Fullstack TypeScript Expert | 10+ Years in Web & Mobile | Functional Programming Advocate

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## EXPERIENCE

### Senior React Native Developer

#### Mercury Development, LLC

⌚ 10/2024 - Present 🗂️ Palm City, United States

Innovative React Native application for Princess Cruises.

- Build robust transition system from complex stateful mobx React Native client to tiny GraphQL client utilizing sound type system, code generation and unit testing
- Prototyping Relay-compliant node server for client transition
- Refinement backend features and schema to meet the criteria
- Implement compliance with WCAG 2.2 accessibility standards to provide a seamless experience for users with disabilities across pre-cruise planning, in-cruise services, and excursion management
- Cross team communication, improving software architecture
- Comprehensive code review processes within a large-scale front-end development team, establishing quality standards, mentoring junior developers, and driving technical excellence that reduced production bugs

### Lead React Native Developer

#### TSS Paratransit

⌚ 01/2023 - 09/2024 🗂️ Los Angeles, CA

Cross-Platform Mobile Application Development using React Native for Ride Booking Platform Tailored for People with Disabilities

- Led the development of a cross-platform mobile application using React Native, designed to cater to the unique needs of people with disabilities.
- Architected and implemented the business logic using ReScript, leveraging pure functions and nested finite state machines to ensure robust and maintainable code.
- Compiled the logic into a TypeScript library, allowing the UI team to work seamlessly without requiring specialized knowledge of ReScript.
- Developed a monorepo architecture from scratch, ensuring scalability, maintainability, and alignment with business requirements.
- Configured and managed a dedicated macOS server for building and deploying the application to both the App Store and Google Play Store.
- Automated the build and deployment process using Fastlane, establishing a reliable CI/CD pipeline that streamlined development and reduced time-to-market.

### Company Team Lead

#### Distillery

⌚ 09/2020 - 12/2022 🗂️ Los Angeles, United States

Technical stack: React Native / GraphQL

- Evaluate quotas and conduct interviews.
- In charge of team coordination and communication with the client.
- Participate in distributing tasks and making technical specifications for specialists.
- Directly involved in developing application architecture and completing tasks.
- Worked with a client from the USA (B2B CRM California) for 3 years.
- Successfully delivered and maintained 2 cross-platform mobile applications.

### Senior React Native Mobile Developer

#### Distillery

⌚ 07/2019 - 12/2022 🗂️ Los Angeles, United States

Company Description

- Highlight your accomplishments, using numbers if possible.

## SUMMARY

I'm a passionate fast learner fullstack developer with over a decade of experience, specializing in React / React Native and NodeJS applications. My journey in software development has been marked by a deep dive into functional programming, which I've leveraged to build robust, scalable applications.

### Key Highlights:

- 10+ years of frontend development experience
- 2+ years of specialized work with ReScript
- Strong background in React and React Native
- Wide Experience with GraphQL, Next.js, Node.js, ReScript, TypeScript and Python
- Led development teams and mentored junior developers
- Solved complex UI challenges using functional programming principles

I've successfully delivered projects ranging from complex CRM components to full-scale mobile apps for urban transport. My approach combines technical expertise with a keen eye for user experience and maintainable code.

In my spare time, I'm diving into Rust, exploring its revolutionary memory safety concepts like ownership and lifetimes to broaden my technical horizons and gain valuable experience in systems programming.

## KEY ACHIEVEMENTS

### App Efficiency Boost

Increased app efficiency by 30% through optimized code and architecture.

### Project Speedy Delivery

Led a team to deliver a project one month ahead of schedule.

### Pipeline Implementation

Implemented CI/CD pipeline reducing deployment time by 50%.

### UX Improvement

Developed a user-friendly interface that enhanced UX satisfaction by 40%.

## CERTIFICATION

### [C++ for Programmers Course](#)

Codecademy

### [Pass the Technical Interview with JavaScript Skill Path](#)

Codecademy

### [JavaScript Algorithms and Data Structures](#)

freeCodeCamp

## EXPERIENCE

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### Frontend Developer

#### GMCS

⌚ 01/2019 - 06/2019 ⚽ Tula, Russia

#### Company Description

- Improved Leroy Merlin employers satisfaction by 29% by creating a user-friendly interface for an internal project
- Increased application efficiency by 8% by implementing React, Typescript, and Mobx with new architecture
- Frontend development from scratch

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### Frontend Developer

#### Storiqa Marketplace DBA Storiqa Global Trades Inc.

⌚ 01/2018 - 09/2018 ⚽ Moscow, Russia

#### Company Description

- MVP Mobile application development (marketplace, web3, React Native)
- Increased user engagement in products pages up to 20% by developing seamless UI in React-based marketplace web application

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### Frontend Developer

#### Kaspersky

⌚ 09/2017 - 12/2017 ⚽ Moscow, Russia

#### Company Description

- Improved user experience for 2 corporate product by developing client interface antivirus using Electron with JavaScript.

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### Frontend Developer

#### Architech NYC

⌚ 08/2016 - 09/2017 ⚽ New Jersey, USA

#### Company Description

- Improved documentation efficiency by 40% by automating educational processes in US institutions
- Frontend development for a financial mobile application in React Native
- Development of a mobile application for a US logistics company using React Native + Mobx + TypeScript

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### CTO

#### Forward 70

⌚ 03/2013 - 05/2016 ⚽ Tomsk, Russia

As an individual entrepreneur, I was working with clients, requirements, the development team, and coding.

- Working with clients and requirements
- Collaborating with the development team
- Coding
- Created more than 30 sites and five marketplaces
- Built a CRM system
- Developed one iOS application
- Provided SEO services for various clients

## SKILLS

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Node.js   ReScript   React.js

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JavaScript

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Search Engine Optimization (SEO)   Django

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Python (Programming Language)

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Leadership   Marketing   React

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React Native   Mobx   Apollo   Relay

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Redux   GraphQL   Docker   TypeScript

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Electron