Hello there! My name is

Alexander Simonov

I'm a **front-end developer** with 10 years of commercial experience.

I mainly work with **TS TypeScript** and ⚛ **React**.

I enjoy developing large web applications with complex business logic.

Skills & Preferences

I prefer fine-grained reactivity with **MobX** or **Effector**, but am comfortable with **Redux** as well. I like to use **RxJS** to work with complex workflow.

Primarily worked with SPA, but not badly familiar with **Next.js** as well. Can set up custom configurations using **Vite** or **Webpack** if needed.

I like to separate logic and presentation: describe models separately, and present view-layers as dumb components. I like to divide a project into libraries within a **monorepo**. I care about architecture and lightweight project maintenance.

I'm most proficient with **NestJS** on the backend, and I prefer it for its IoC features.

Professional Experience

Aviasales
📅 Sep 2020 — now

📍 Phuket, Thailand

Development of a web application for business travel and management of a development team.

I joined the startup when it was processing about 5 manual orders per day and have been part of its growth to several thousand automated orders per day.

Team Lead

★ Leading a team of 5-10 back-end / front-end developers and QAs;

★ Recruiting, interviewing and mentoring new specialists;

★ Clarifying business requirements with technical details, decomposing tasks;

★ Making architectural decisions and reducing technical debt.

Initially a developer, as the project grew and the team needed to expand, I took on team lead responsibilities.

Hired approximately 5 specialists and conducted at least 20 technical interviews.

Front-end Developer

★ Delivering new features to application using React and MobX;

★ Fixing bugs reported by clients and support team;

★ Working closely with designers and back-end developers;

★ Integrating with internal and third-party APIs.

Several features that I participated in developing or completed independently:

★ Integrations with third-party travel providers: hotels, buses, trains, transfers, and flights. Includes search results pages, complex client-side filtering, seat selection, passenger data forms, etc.

★ Ability to create a hierarchical corporate structure with travel approving managers and departments, as well as travel policies that restrict the ability of certain departments to purchase travel;

★ Applied Clean Architecture-inspired architectural approaches to reduce code coupling and increase testability.

TypeScript   React   MobX   InversifyJS   RxJS   Next.js   zod   final-form

Contact Me

📨 palmflip

✉ palmflip@gmail.com

Place

Phuket, Thailand

GitHub

github.com/palmflip

Education

I have no higher education.

Self-taught through books, online resources, and courses.

English Skills

~Upper-intermediate, I think.

I'm not bad at writing, reading and listening, but not so good at speaking.

Laval

📍 Saint-Petersburg, Russia

Front-end Lead

★ Leading a development team of 3 front-end developers;

★ Embedding small React apps into legacy Oracle APEX application.

A medical information system development: patient management, medical documentation handling, treatment planning, and monitoring.

★ Developed a tool for linking dictionaries from different medical information systems for mutual integration;

★ Developed a complex calendar-scheduling system for managing the availability of doctors, equipment, and rooms for patient appointments.

This project involved refactoring an existing legacy service to modern technologies, much like a startup that unfortunately did not withstand the sudden impact of COVID-19.

`TypeScript` `React` `Redux` `react-final-form` `Material UI` `Styled Components`

CSSSR

📅 Dec 2016 — May 2019

📍 Saint-Petersburg, Russia

Contributed to multiple external projects while working at this outsourcing company.

Fullstack Developer

★ Developing frontend and backend of time-tracking application;

★ Ensuring application stability and performance.

Focused on an internal project for tracking remote employees' time, with plans to develop it into a SaaS solution:

★ Migrated the entire Node.js backend codebase to TypeScript to reduce errors;

★ Prepared backend and frontend for zero-downtime deployments;

★ Optimized complex report queries in Mongoose ORM by rewriting them using MongoDB aggregations.

Front-end Developer

★ Leading a team of 2-3 junior front-end developers;

★ Developing and maintaining frontends with React and AngularJS.

★ Developed multi-step loan and credit card application forms for a major Russian bank, including extensive client-side validations and analytics;

★ Participated to the development of a mobile app for streamlining courier workflows in rapid credit card delivery: form submission, document upload for recognition, and process status transitions.

`TypeScript` `React` `Redux` `Node.js` `Mongoose` `MongoDB` `Moment.js` `Express`

Octoberweb

📅 Sep 2014 — Dec 2016

📍 Saint-Petersburg, Russia

Worked as a developer at a small studio specializing in website and landing page creation.

★ HTML/CSS templates with basic client-side logic using Django templating and jQuery;

★ Developed the frontend for the official agency website for metro advertising in St. Petersburg, allowing users to select placements on station vestibule maps;

★ Participated in the development of a SPA for short-term apartment rentals in Moscow and St. Petersburg using AngularJS;

`JavaScript` `jQuery` `Django` `AngularJS` `React`