



# ANDRANIK SIMONIAN

## Senior Front-End Engineer

Moldova / Chisinau

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### EDUCATION & CERTIFICATIONS

Specialist's degree in Telecommunications and Radio Engineering, Odesa National Polytechnic University, Odesa, Ukraine

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### EXPERIENCE

**Senior Front-End Developer** / Shogun - San Francisco, CA

10/2022 - Current

**Shogun** is a US-based company and one of Shopify's most advanced visual editors for building high-converting online shopping.

**Languages:** TypeScript, JavaScript

**Environments:** React, XState, Esbuild, Storybook, Playwright, ESBuild, GitHub, Jira, Ruby, FullStory, Segment, LaunchDarkly.

#### Position Activities:

- Worked on the AI Website Builder tool, which includes content generation, reusable sections, and automated product titles and descriptions, resulting in a 25% increase in customer upgrades to the highest plan.
- Implemented CMS, A/B testing tools, and an upgraded dashboard with customizable widgets, resulting in a more than 20% increase in conversions from free trials to paid plans.
- Led the introduction of the Material UI library, resulting in a 50% reduction in development time for new components, gaining accessibility and adaptiveness, and providing better UX for customers.
- Doubled application load speed through code-splitting, GraphQL query optimization, efficient use of service workers, browser caching, and image compression.
- Enhanced codebase readability by establishing code-style guidelines, refactoring mixed modules with design patterns, and optimizing critical components.
- Expanded unit test coverage to nearly 90% and secured critical paths with comprehensive end-to-end (e2e) tests.

**Senior Front-End Developer** / Capgemini Engineering - Odesa

01/2021 - 07/2022

**Amblyosight** is an innovative web application for clinics developed by Novartis that uses gamification and interactivity to treat amblyopia (lazy eye) in children.

**Languages:** TypeScript.

**Environments:** React, Redux Toolkit, Chart.js, NodeJS, GitLab, Jira, Webpack, Cypress, Storybook.

#### Position Activities:

- Enhanced business logic reusability, readability, and testability by separating it from the visual layer, leveraging React Hooks.
- Developed a modular and reusable UI-Kit with a consistent design system, enhanced customization, and optimized performance, supported by comprehensive documentation and robust testing.
- Achieved 90% unit test coverage across the codebase and thoroughly tested critical UI-Kit components using Storybook interactive tests.
- Took an active part in and co-organized weekly front-end meetings to discuss new approaches and complex problems.
- Modernized the project codebase by migrating from JavaScript to TypeScript, leading to a 50% reduction in defects.
- Analyzed and optimized the final bundle size, reducing it by 20% by identifying and tree-shaking unused modules with Webpack.

**Front-end Developer** / Tinkoff - Odesa

03/2019 - 01/2022

**Languages:** TypeScript, JavaScript.

**Environment:** React, Redux, Storybook, Webpack, CodeceptJS, Puppeteer, Jest, GitLab, Jira, Grafana, Graylog.

**Position Activities:**

- Produced complex, dynamic forms with recovery and pre-filling features, integrated metrics, and analytics collection.
- Maintained and improved the form-building library for creating dynamic and interactive forms.
- Attained maximum test coverage with the unit, integration, and end-to-end tests, significantly reducing the release cycle.
- Established processes for monitoring application and infrastructure metrics, enabling rapid response to issues.

**Software Developer** / Bureau Veritas - Odesa

10/2016 - 02/2019

**DocuVisa** is an internal application for a multi-level visa (sighting) of expenditure documents.**Languages:** JavaScript.**Environments:** React, Redux, Material UI, Node.js, Firebase, Bitbucket, Jira, Jest.**Position Activities:**

- Completed PWA strategies to enhance loading speed and increase fault tolerance, improving overall user experience.
- Implemented internationalization, expanding the product's reach to 3 markets.
- Designed a backend-free application using an online database, reducing support and maintenance risks and costs.

**Software Developer** / Bonadomus - Odesa

01/2014 - 10/2016

**Languages:** JavaScript, Node.js.**Environments:** jQuery, Bootstrap 3, Express, MongoDB, Redmine, Opencart.**Position Activities:**

- Built and maintained an application that automates the movement of items between internal warehouses.
- Executed a mobile-first design, enhancing user experience and increasing goods processing and shipment efficiency.

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**SKILLS****Programming and Markup Languages:**

JavaScript, TypeScript, CSS, HTML, SQL

**Technologies and Frameworks:**

React, Next, Redux, XState, Material UI, Node.js, GraphQL, Storybook, Docker, Bootstrap, jQuery, Segment, Grafana, FullStory

**Databases:**

Firebase, MySQL, MongoDB

**Testing Tools:**

Playwright, Puppeteer, Jest, Cypress

**Continuous Integration and Repository Management:**

GitHub Actions, GitLab CI/CD

**Development Environment and Bug Tracking Systems:**

Jira, Redmine

**Development Methodologies:**

Agile, Scrum, CI/CD

**Source Version Control:**

Git

**Building Tools:**

Webpack, ESBuild

**Soft Skills:**

Leadership, Team Collaboration, Problem-Solving

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**LANGUAGES****English:** Upper-intermediate**Russian:** Native**Ukrainian:** Fluent