ANDRANIK SIMONIAN

Senior Full-Stack Engineer

andranik.s.s@gmail.com / [**Portfolio**](#)

Seasoned Full-Stack Engineer with 8+ years of experience delivering scalable, high-performance SaaS platforms across Typescript, React, Go, and cloud-native infrastructure. Specialized in frontend architecture, API design, and performance optimization, with deep contributions to security tooling, compliance systems, and developer workflows. Strong focus on DX, testing, and metrics-driven delivery.

EXPERIENCE

Senior Full-Stack Developer / Reco - Chishinau   *11/2024 - Current*

Reco is an identity-centric SaaS security platform that provides organizations with full visibility into every SaaS application and identity, using AI-based graph analytics for real-time risk detection to safeguard data across their entire SaaS ecosystem.

Languages: TypeScript, Go

Stack: React, Redux Toolkit (RTK Query), Zod, Storybook, Playwright, Rspack, PostgreSQL/ClickHouse, GitHub Actions, Argo/Workflows, Datadog, Launch Darkly

Position Activities:

- Drove frontend architecture improvements: introduced feature-based folder structure and documented conventions to scale development across modules.
- Standardized server data fetching + caching patterns (Table API + common requests) and added Zod contract validation to harden UI↔API boundaries.
- Improved key web vitals (TBT – 2x, LCP – 25%, FCP – 30%) by optimizing the critical rendering path and configuring Datadog dashboards for continuous performance tracking.
- Delivered end-to-end features across React/TypeScript + Go services, including optimistic UI patterns and reliable caching/invalidation strategies.
- Refactored and strengthened core product areas: App Drawer, Policy Studio, and Compliance/Compliance Studio, improving maintainability and delivery speed.
- Consolidated UI testing knowledge into a practical testing playbook (unit/integration/e2e) with runnable examples (Storybook/Playwright).
- Contributed beyond code: helped shape FE guidelines/AI workflows, supported hiring via challenge/interviews, and ran internal FE talks.

Senior Front-End Developer / Shogun - Odesa   *10/2022 - 10/2024*

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

Languages: TypeScript, JavaScript

Stack: React, Next.js, Redux, Esbuild, Storybook, Playwright, ESBuild, GitHub, Jira, FullStory, Segment, Launch Darkly.

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**.**
Stack: 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.
Stack: 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**.**
Stack: 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.

SKILLS

Programming and Markup Languages:
JavaScript, TypeScript, Go, CSS, HTML, SQL

Development Environment:
Linear, Jira, Redmine

Technologies and Frameworks:
React, Next, Redux, XState, Material UI, Node.js, GraphQL, Storybook, Docker, Bootstrap, Segment, Grafana, Datadog

Development Methodologies:
Agile, Scrum, CI/CD

Databases:
PostgreSQL, MySQL, ClickHouse

Source Version Control:
Git

Testing Tools:
Playwright, Puppeteer, Jest, Cypress

Building Tools:
Rspack, Webpack, ESBuild

Continuous Integration and Repository Management:
GitHub Actions, GitLab CI/CD

Soft Skills:
Leadership, Team Collaboration, Problem-Solving

EDUCATION & CERTIFICATIONS

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

LANGUAGES

English: Upper-intermediate
Russian: Native
Ukrainian: Fluent