

# Tamar Alania

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## ADVANCED ANALYST-DEVELOPER

Frontend Developer with 5 years of experience building scalable, high-performance web applications. Proficient in React, TypeScript, Next.js, Nest.js/Express.js, Node.js, JavaScript, and Lit-Element, with expertise in state management using Redux and Zustand, performance optimization, and responsive UI development. Passionate about building user-friendly interfaces using Tailwind CSS, Storybook, and Jest, while maintaining clean, testable code in agile environments. Experienced in startups and have worked on banking projects, developing secure and efficient web solutions.

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## KEY COMPETENCIES

### Frontend Development:

- React, TypeScript, JavaScript, Next.js, Lit-Element
- Zustand, Redux, Context API, React Query
- Webpack (Micro-Frontends), Vite, Server-Side Rendering (SSR), Static Site Generation (SSG)
- Code Splitting, Lazy Loading, Progressive Web Apps (PWA), Single Page Applications (SPA)
- Asynchronous Programming, Component-Based Architecture

### Backend & APIs:

- Node.js, Express.js, Nest.js
- REST, GraphQL
- MongoDB, PostgreSQL, Prisma

### UI & Styling:

- Tailwind CSS, Bootstrap, MUI, Shopify Polaris, Storybook
- CSS-in-JS, SASS, Cross-Browser Compatibility

### Tools and Platforms:

- Git, GitLab, Docker, Kubernetes, CI/CD Pipelines, ESLint, Babel, npm, yarn
- Jira, Figma

### Other Skills:

- State Management, Performance Optimization
- Code Review & Best Practices
- Web Security Best Practices (OAuth, Authentication & Authorization)
- Unit Testing (Jest, Cypress, Playwright)
- Debugging & Problem-Solving, WebSockets
- Headless CMS & Content Management Systems
- Client Communication & Technical Consultation

## PROFESSIONAL EXPERIENCE

### JSC Bank of Georgia Advanced Analyst-Developer

Oct 2020 - Present

- Engineered and optimized digital banking solutions, developing and maintaining Single Page Applications (SPA) with React, JavaScript (JS), TypeScript (TS), and Lit-Element within a custom CMS and design system.
- Built Progressive Web Apps (PWA) to enhance offline accessibility and performance, ensuring a seamless banking experience across devices.
- Implemented Server-Side Rendering (SSR) in Next.js, improving SEO and initial page load speeds.
- Integrated APIs with Node.js, Express.js, MongoDB, and GraphQL, supporting KYC registration, loan processing, and card ordering/delivery services.
- Optimized UI performance through code splitting and lazy loading, improving application responsiveness.
- Developed interactive, animated promotion pages for banking solutions, working closely with UX designers and marketing teams.
- Ensured cross-browser compatibility across Chrome, Firefox, Safari, and Edge, delivering a consistent user experience.
- Strengthened web security by implementing secure authentication flows and data protection best practices.
- Mentored and supported a junior developer, conducting code reviews and guiding best practices in React, TypeScript, and frontend architectures.
- Worked in a hybrid environment, using Jira, GitLab, and Figma, ensuring efficient project management.
- Wrote unit tests with Jest and Cypress, improving code reliability and stability.
- Worked with Docker and AWS to streamline deployment pipelines, supporting cloud-based application management.

### Open Fiskal Frontend React Developer Contractor

Oct 2024 - Feb 2025

- Developed and maintained UI components for fiscal compliance solutions using React, JavaScript (JS), TypeScript (TS), and Shopify Polaris.
- Worked with PostgreSQL and Prisma to handle database interactions efficiently, ensuring secure and reliable data management.
- Implemented API integrations for Shopify POS systems, supporting compliance functionalities and transaction processing.
- Optimized UI performance using lazy loading, state management techniques, and efficient rendering, enhancing application responsiveness and scalability.
- Worked remotely on a small team, focusing on frontend development and seamless integration with backend systems.

- Designed and developed scalable, user-friendly web solutions for diverse international clients, specializing in React, TypeScript, JavaScript, Next.js, and Webpack (Micro-Frontends).
- Built and maintained customer-facing applications and internal tools, ensuring high performance, maintainability, and seamless user experiences.
- Implemented state management solutions with Redux, Zustand, and Context API, optimizing data flow and application efficiency.
- Enhanced app responsiveness using React Query for data fetching and caching, reducing redundant network requests and improving API performance.
- Developed backend integrations using Node.js, Express.js, and Nest.js, ensuring seamless frontend-backend communication.
- Contributed to database-driven applications, working with PostgreSQL and Prisma for efficient data modeling and queries.
- Leveraged UI frameworks like Bootstrap, MUI, Tailwind CSS, and Shopify Polaris to develop responsive, accessible, and visually engaging interfaces.
- Worked with React Flow to build interactive visualizations and complex state handling for data-driven applications.
- Managed multiple freelance projects remotely, coordinating with international clients and cross-functional teams across time zones.
- Prioritized performance optimization, maintainability, and intuitive user experiences, while continuously adapting to emerging technologies and project challenges.

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## **EDUCATION & CERTIFICATIONS**

### **Education**

#### **Bachelor of Physics, Tbilisi State University**

Studies: Physics, Mathematics, and Computer Science

### **Certifications & Training**

#### **Frontend Developer Bootcamp, Bank of Georgia**

- Technologies Covered: JavaScript, HTML, CSS, Lit-Element, Node.js

#### **The Web Developer Bootcamp, Udemy**

#### **Complete React, Next.js & TypeScript Projects Course, Udemy**