Vladimir Grigoryan – Software Development Engineer

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PROFESSIONAL SUMMARY

Senior Software Development Engineer with over 9 years of commercial frontend development experience. Throughout almost a decade, specialized in Angular 2+ and React, solving numerous challenges and delivering successful projects with an in-depth understanding of JavaScript. With over five years of React experience, excelled in developing reusable components adaptable to projects of varying scales, incorporating new JavaScript features like React hooks and context API. Diverse experience in JavaScript development, including Angular 2+, React, Node.js, MongoDB, and various UI libraries, equipped to address diverse project needs and devise innovative solutions. Dedicated to embracing new challenges and leveraging expertise to contribute to organizational success.

TECHNOLOGY SUMMARY

Languages:	JavaScript, TypeScript, HTML5, CSS3, C++
Technologies and Frameworks:	React, Angular, Ionic, React Native, Redux, jQuery, Vanilla JS, RESTful API, Node.js, Express.js, Electron, WebRTC, Jitsi, RXJS, WebSockets, Angular.js
DBMS:	MongoDB, PostgreSQL
IDEs and Tools:	OOP, Functional Programming, Design Patterns, SOLID, Agile (Scrum, Kanban)

KEY TECHNICAL SKILLS

Front-end development

- React/Redux stack
- Angular 2+ stack
- Complex HTML/CSS mobile-first layout implementation
- Bootstrap/Material UI skills
- RESTful API interaction
- Interactive UI implementation (AJAX, jQuery, fetch, Axios)
- Google Maps
- Firebase auth, db
- Real-time app (WebSocket, firebase real-time db)
- P2P connection (webRTC, Jetsi, Janus)
- Ionic (Cordova, Angular stack)
- React Native
- Monorepo architecture
- Webpack, Gulp, Grunt
- EletronJS

React

- Popular libraries and tools within the React ecosystem
- State management systems like Redux, Mob, and Context API
- Creating optimal performance and maintainability apps
- Designing scalable and reusable component architecture

• Building responsive and mobile-friendly user interfaces • Implementing internationalization and localization • Integrating with backend APIs, proficiency in using fetch or Axios for data fetching and manipulation.

Angular
• Deep understanding of modules, components, services, directives, pipes, and dependency injection • Proficiency in reactive programming using the RxJS library • Mastery of using Angular CLI for project • Implementing ngRx store in Angular applications • Integrating with backend APIs using Angular's built-in HttpClient module, handling HTTP requests, responses, and error handling effectively • Configuring routing and navigation using Angular Router, including route guards, lazy loading, and nested routes • Experience implementing internationalization and localization in Angular applications

Back-end development
• Node.js basics, event-driven architecture, asynchronous programming, handling I/O operations, integrating databases with Node.js applications • Express.js, knowledge of the middleware concept for processing requests, authentication, logging, and error handling • HTTP and HTTPS protocols, request and response handling, status codes, headers, and cookies

Mobile development
• Ionic, Cordova • React Native

PROFESSIONAL EXPERIENCE

FastDev AB
Software Development Engineer
September 2022 – March 2024
° **Fastdev Portal** is an admin panel of Fasdev company.
Main achievements and responsibilities:
- Provided code review;
- Fixed bugs;
- Implemented efficient state management solutions using MobX;
- Worked on performance optimization: improved data caching mechanisms, analyzed components to identify and eliminate unnecessary renders impacting application performance;
- Created new features and functionality;
- Developed new web interfaces;
- Formatted class components into functional components;
- Improved the current architecture design, including updating plugins to the latest version in the project and refactoring architecture into frontend module architecture;
- Restructured code into reusable components;
- Optimized app using techniques like memoization and virtualization to enhance speed.

Used languages and technologies: JavaScript, TypeScript, React, Redux, MobX, webpack, HTML/CSS

° **STEGLOGISTIC** is a moving company admin panel.
Main achievements and responsibilities:
- Provided code review;

- Implemented efficient state management solutions using Redux and Context API;
- Implemented two admin panels and the main app from scratch using mono repo architecture;
- Created new features and functionality;
- Added reusable-shared components for all apps;
- Created a generic reusable form for both admin apps;
- Created REST services using Web API and evaluated and identified best practices;
- Implemented Rest API with Axios API;
- Added routing with the latest React Router API;
- Developed responsive and mobile-friendly user interface using Material UI;
- Implemented internationalization and localization using i18n;
- Implemented designing scalable and reusable component architecture, following best practices to promote code reusability and maintainability.

Used languages and technologies: JavaScript, TypeScript, React, Redux, Flex, MUI, mono repo, Vite, HTML/CSS

NEW SILVER LLC
Software Development Engineer
September 2021 – September 2022
° **New Silver Front App** is a real estate investment app.

Main achievements and responsibilities:
- Developed new features from scratch;
- Fixed bugs;
- Implemented NgRx store to manage complex application states and ensure scalability and maintainability;
- Worked on performance optimization: caching data, removing unnecessary renders ;
- Made a refactoring of code;
- Improved the app and updated all plugins to the latest version;
- Cleared the code and created reusable functions;
- Developed responsive and mobile-friendly user interface using Bootstrap;
- Updated the app to the newest version of Angular.

Used languages and technologies: JavaScript, TypeScript, Angular 2+, RxJS, NgRx Store, HTML/CSS

° **New Silver Admin Panel** is an admin panel for underwriters and originators.

Main achievements and responsibilities:
- Developed new features from scratch;
- Fixed bugs;
- Updated existing linters;
- Implemented NgRx store to manage complex application states and ensure scalability and maintainability;
- Implemented Bootstrap UI;
- Worked on performance optimization;
- Made a refactoring of code;
- Improved the app;
- Updated the app to the latest version of Angular.

Used languages and technologies: JavaScript, TypeScript, Angular 2+, RxJS, Bootstrap, HTML/CSS

GXP LLC
Lead Software Development Engineer
May 2020 – September 2021
° **Acroplia** is an all-in-one communication, collaboration, and community platform.

Main achievements and responsibilities:

- Performed code review and quality assurance;
- Fixed bugs;
- Split huge components into reusable functional components;
- Transferred part of the state to context API for increased performance;
- Added autocorrection text functionality in the chat;
- Added Telegram-like reply functionality;
- Added forward message functionality;
- Planned and coordinated the project;
- Made a refactoring of code;
- Improved the app, removed chat state from redux, and implemented it in the pub/sub way;
- Implemented Jitsi API;
- Implemented reconnection logic at the time of the call;
- Implemented efficient state management solutions using Redux, ensuring optimal performance and maintainability;
- Managed the team;
- Implemented designing scalable and reusable component architecture, following best practices to promote code reusability and maintainability;
- Fixed performance issues in React applications using browser developer tools and React-specific debugging tools like React Developer Tools.

Used languages and technologies: JavaScript, React, Redux, Immutable.js, Jitsi API, Voxet API, HTML/CSS

Ronte Limited
Lead Software Development Engineer
November 2018 – May 2020
° **BlackCatCard mobile apps (iOS/Android) and web apps** are online banking apps.
Main achievements and responsibilities:
- Led a team of 8 developers;
- Performed code review and quality assurance;
- Implemented internationalization and localization using i18n;
- Fixed bugs;
- Enforced development best practices;
- Implemented new features;
- Made a refactoring of code;
- Updated the Cordova and Ionic to the latest version;
- Fixed some issues on the Cordova plugin side;
- Implemented FaceId plugin for mobile app;
- Developed the new interfaces;
- Discussed new features with the designers team and backend team;
- Implemented generic error handlers.

Used languages and technologies: JavaScript, TypeScript, Angular 2+, RxJS, Ionic 3, Cordova, HTML/CSS

Tech Flow Studio LLC
Lead Software Development Engineer
February 2018 – November 2018
° **Petsharing** is a mobile app for pet services (iOS/Android).
Main achievements and responsibilities:
- Led a team of 2 developers;
- Performed code review and quality assurance;
- Fixed bugs;
- Enforced development best practices;

- Implemented new features;
- Made a refactoring of code;
- Chose the plugins to achieve the features;
- Implemented Geolocation features;
- Implemented data fetching with GraphQL;
- Added routing with the latest React Router API;
- Implemented efficient state management solutions using Redux.

Used languages and technologies: JavaScript, React, React Native, Node.js, GraphQL, HTML/CSS

DataOwl LLC
Software Development Engineer
September 2017 – February 2018
° **DataOwl** is a CRM application.
Main achievements and responsibilities:
- Developed new features;
- Fixed bugs;
- Added real-time communication via WebSockets (both on the front and back part);
- Implemented new UI;
- Improved the app.

Used languages and technologies: JavaScript, Angular.js, SCSS, HTML5, D3.js, HTML/CSS

° **Sync tool** is a Data synchronization tool.
Main achievements and responsibilities:
- Developed a new app from scratch;
- Fixed bugs;
- Set up the Electron application and fixed OS issues (macOS, Windows);
- Implemented new features.

Used languages and technologies: JavaScript, React v16, Redux, React Router v4, Electron, Node.js, PostgreSQL, HTML/CSS

Simply Technologies LLC
Software Development Engineer
November 2015 – September 2017
° **SecurityTrails** is a product Information Application that provides Domain, DNS, WHOIS, and IP Data fraud detection.
Main achievements and responsibilities:
- Developed product from scratch.;
- Implemented SSR with Webpack and express.js.
- Developed new features
- Implemented mobile responsibility

Used languages and technologies: JavaScript, React, Redux, HTML/CSS, Express.js, Webpack, ExpressJS.

° **Week schedule** is a tool for automating sending emails late for work.
Main achievements and responsibilities:
- Developed the mobile responsibility;
- Connected the app to Slack and Gmail API for notifications;
- Created a mobile responsive app from scratch.

Used languages and technologies: JavaScript, React, Redux, HTML/CSS, Express.js, Node.js, MongoDB, Amazon S3, Slack API

° **RadeFrame** is an Australian roadmap generator web application.

Main achievements and responsibilities:
- Refactored the code via John Papa's coding style guide;
- Created the shared module for reused part of code;
- Updated the app to the latest supported version of Angular.js;
- Implemented the new API of the latest Angular (component);
- Separated the app into modules.

Used languages and technologies: JavaScript, React, Redux, Angular.js, Express.js, Node.js, MongoDB, Amazon S3, Slack API, HTML/CSS

° **MassMedia** is a TimeLine for the Karabakh war archive.

Main achievements and responsibilities:
- Added Singleton pattern for storing the data and reusing it with jQuery;
- Fixed UI issues related to scrolling timeLine and showed it smoothly;
- Implemented new features;
- Fixed issues.

Used languages and technologies: JavaScript, Angular.js, Node.js, Express.js, jQuery, MongoDB, HTML/CSS

° **Bot assigner, Salon bot, Rest bot, and Event bot** are Facebook Messenger Chatbots.

Main achievements and responsibilities:
- Implemented backend for chatbots;
- Implemented frontend for chatbots;
- Connected Wit.ai for train bot;
- Connected Google Analytics.

Used languages and technologies: JavaScript, Express.js, Vue.js, Vuex, Node.js, MongoDB, FB API, Wit.ai, HTML/CSS

Iguan Systems LLC
Software Development Engineer
March 2015 – November 2015
Main achievements and responsibilities:
- Performed code review;
- Created new UI;
- Developed new features and maintained existing code on the frontend and backend side;
- Developed Rest APIs;
- Created Magento audit script;
- Created plugins for WordPress.

Used languages and technologies: JavaScript, Angular1, Magento, Sails.js, Express.js, Laravel, WordPress, Drupal, HTML/CSS

CERTIFICATIONS

Linux Architecture (TCL, BASH) Web technologies (HTML, CSS, JavaScript) Parallel System Development (Proximus)

EDUCATION

Bachelor's Degree in Applied Mathematics and Informatics

OPEN SOURCE PROJECTS

- REACT EXPRESS Boilerplate - [Github](#)
- React recaptcha google - [Github](#), [NPM](#)
- CReact recaptcha v3- [Github](#), [NPM](#)