Robert Grigoryan

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Summary

Frontend Developer with over 10 years of experience in building high-performance, scalable web applications for diverse industries, including photography, IoT, travel, and web development. Highly proficient in React, Next.js, Angular, and various charting and mapping libraries. Adept at delivering clean, maintainable code while optimizing performance and user experience. Proven success in leading teams, designing intuitive user interfaces, and implementing advanced features with measurable results.

Skills

- **Frontend Technologies:** React, Next.js, Angular, HTML5, CSS3, JavaScript (ES6+), TypeScript

- **Libraries & Frameworks:** amCharts, Mapbox GL API, Autodesk Viewer, vanilla canvas

- **Version Control & Tools:** Git, GitHub, Docker, Jira, Figma

- **APIs:** RESTful APIs, Vimeo API, Mapbox GL API

- **Testing:** Jest, Cypress

- **Other Tools & Platforms:** AWS, Firebase

Experience

Canva (Pexels.com)   **Sydney, Australia, Remote**
Senior Frontend Software Engineer   **09/2022 to 10/2024**

"Pexels" is a platform where photographers can share their photos and videos with a vast audience (1M+ visitors per day), as royalty free downloads. (https://www.pexels.com)

- Spearheaded the development of the user profile page for Pexels, a platform with over 1 million daily visitors, using Next.js and React. This feature significantly enhanced the user experience by offering contributors a personalized space to track their content performance.
- Designed and implemented the Statistics tab within the user profile, displaying real-time data in an interactive, visually intuitive dashboard. The feature increased user engagement by 20%, empowering contributors to optimize their content.
- Collaborated with cross-functional teams, ensuring the integration of backend data into frontend components, which reduced data loading times by 30%, improving overall page performance.
- Played a key role in optimizing the front-end architecture, which resulted in a 25% improvement in the platform's load speed.

Wia   **Dublin, Ireland, Remote**

Lead Frontend Engineer   **07/2019 to 08/2022**

Wia is a company that provides a cloud platform for building Internet of Things (IoT) applications. (https://www.wia.io)

- Led the frontend development of Wia's cloud platform, which serves over 10,000 IoT devices, utilizing Angular for the interface and amCharts for real-time data visualization. Delivered interactive charts that helped clients analyze their IoT systems more effectively.
- Implemented the Space Designer feature, enabling users to upload floor plans and capture real-time data across multiple rooms. This resulted in a 40% increase in customer adoption of the platform's advanced analytics tools.
- Integrated Autodesk Viewer for seamless floor plan navigation, which improved the user experience by allowing users to interact with 3D models of their spaces.
- Developed custom polygon tools using vanilla canvas, enabling users to define specific areas within their floor plans, which improved data accuracy by 15%.

USIT Travel   **Dublin, Ireland, Remote**

Frontend Web Developer   **08/2017 to 04/2019**

USIT is an Irish company specializing in travel services, including working holidays, student travel, and visa programs. (https://www.usit.ie)

- Built an interactive itinerary map using the Mapbox GL API, allowing users to visualize and customize their travel plans, which contributed to a 30% increase in user interaction with the platform's travel itinerary features.
- Integrated the Vimeo API to programmatically display travel program videos, enhancing the user experience by delivering dynamic, engaging content tailored to each customer's interests.
- Optimized frontend performance, reducing page load times by 20%, which contributed to a 10% increase in overall customer satisfaction scores.
- Collaborated with the backend team to integrate API data into the frontend, ensuring smooth data flow and seamless user interactions.

Simform   **United States, Remote**

Web Developer   **08/2014 to 06/2017**

Simform is a web development company that purely focuses on building fully functional, robust, and scalable web applications. (https://www.simform.com)

- Contributed to the development of fully functional, scalable web applications for Simform's clients, focusing on building responsive, user-friendly interfaces using modern JavaScript frameworks.

- Worked closely with the UX/UI team to ensure seamless integration of frontend elements, reducing bounce rates by 15% across several projects.

- Developed and maintained reusable components, reducing development time for future features by 25% and improving the efficiency of the development process.

- Implemented a suite of performance optimizations that reduced page load times by 10%, contributing to a more fluid user experience.

Education

Bachelor's degree: **Computer Science**   **06/2010-06/2014**
National Polytechnic University of Armenia

Portfolio

- https://www.robertgrigoryan.me/