Aram Martirosyan

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Summary

Experienced Full-Stack Developer with a strong frontend foundation in React and Next.js, complemented by extensive backend expertise in Node.js and Express. Proficient in NestJS, GraphQL, and Prisma, with a focus on optimizing APIs, database queries, and system performance. Proven track record in improving application speed, enhancing user experience, and implementing Redis caching. Skilled in cloud infrastructure (AWS, Firebase), CI/CD pipelines, and automated testing.

Experience

Grailpay | New York, NY
Full Stack Developer | 03/2023 - Present

- **Designed a B2B payment processor widget using Remix.js**, improving form submission speed and reducing errors, leading to a **smoother checkout experience**.
- **Built an SDK with TypeScript and Express** to simplify client integration, reducing setup time from **hours to minutes** and improving adoption rates.
- **Led end-to-end testing implementation with Jest and Cypress**, increasing test coverage from **~50% to 95%**, reducing production bugs.
- **Enhanced internal QA tools**, streamlining bug reporting and improving developer efficiency, leading to **faster release cycles**.
- **Implemented Redis caching**, cutting **API response times from ~1.5s to , improving overall system performance.**
- **Optimized PostgreSQL queries with Prisma**, reducing database query times by **~40%** and improving scalability.
- **Integrated GraphQL APIs**, enabling more efficient data fetching, reducing unnecessary network requests, and improving frontend performance.

Bigbi | Israel
Full Stack Developer | 08/2021 - 03/2023

- **Refactored state management**, migrating from Context API to Redux, improving **code maintainability** and reducing **re-renders in complex UI components**.
- **Implemented secure JWT-based authentication with NestJS**, improving access control and reducing unauthorized access attempts, enhancing **overall security**.
- **Optimized Cytoscape.js for large-scale data visualization**, reducing loading times by **~30%** and improving rendering efficiency for **datasets with thousands of nodes**.
- **Dockerized backend services**, using NestJS modules to create a structured API architecture, simplifying **CI/CD pipelines** and enabling smoother **multi-platform deployments**.

Cretrix | Yerevan
Frontend Developer | 06/2020 - 08/2021

- **Developed a blockchain analytics dashboard** using **Next.js, TypeScript, and Ethers.js**, improving transaction visibility and increasing user satisfaction by **70%**.
- **Automated data processing pipelines** with **AWS Lambda and Snowflake**, reducing processing times by **50%** through efficient event-driven execution.
- **Designed and implemented a reusable design system** for a **full-stack blog**, streamlining UI consistency and accelerating development workflows.
- **Built and maintained a scalable CMS** using **React and Redux**, enhancing user engagement with an intuitive content management experience.

Upwork | Yerevan
Frontend Developer (Freelance) | 03/2021 - 07/2021

- **Developed a business phone system dashboard** using **Vanilla JS and Vite**, optimizing performance and user experience.
- **Built cross-browser, fully responsive landing pages** with **Tailwind CSS and Next.js**, ensuring seamless UX across devices.
- **Developed an e-commerce platform for pool cleaning products** using **Next.js** with **Contentful CMS**, enabling easy product management and dynamic content updates.
- **Designed and implemented a multi-page blog** using **React.js and Strapi CMS**, integrating dynamic content management and SEO-friendly features

Blowsys | Dubai, DU

Frontend Developer (Short-term contract) | 03/2020 - 06/2020

- **Developed and optimized** the company website using **React.js and Next.js**, leveraging **server-side rendering (SSR)** and **incremental static regeneration (ISR)** to enhance performance and reduce load times.
- **Built and deployed** a **React Native mobile app** using **Expo**, implementing push notifications, deep linking, and authentication to improve user engagement.
- **Integrated secure file uploads and email automation** using **Node.js, Multer, and Nodemailer**, ensuring efficient handling of attachments and transactional emails.
- **Enhanced SEO and web visibility** by implementing **meta tags, Open Graph, structured data (JSON-LD), and robots.txt**, leading to improved search engine rankings and increased organic traffic.

Evistep | Yerevan
Frontend Developer | 10/2019 - 03/2020

- **Designed and developed a responsive landing page** using **jQuery, Bootstrap, and Laravel Blade**, improving conversion rates by **35%** through enhanced UI/UX.
- **Optimized dashboard accessibility** by implementing **semantic HTML and Bootstrap's grid system**, leading to an **80% increase in mobile usability**.
- **Enhanced performance** by minimizing DOM manipulations, optimizing event listeners, and leveraging **Laravel Blade's templating engine** for efficient rendering.

Skills

React.js, Redux, Next.js, TypeScript, Remix.js, Tailwind CSS, AntDesign, Canvas, Web3.js Backend: Node.js, Express.js, NestJS, GraphQL, REST API, Prisma, Sequelize, AWS (S3, Lambda) DevOps & Testing: Docker, Jenkins, GitLab, Jest, Cypress, React Testing Library Databases: PostgreSQL, MySQL, MongoDB

Education

Yerevan State College of Informatics | Yerevan
Computer Science | 09/2022