

Aram Martirosyan

telegram: arammartirosyaan | aram18m@gmail.com | Yerevan

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

Zaneffi | Bucharest

Backend developer | 02/2025 - Present

Designed and implemented scalable backend architecture with NestJS and PostgreSQL, enabling high-volume code analysis and technical due diligence reports.

Built SDKs and API endpoints for AI-powered analytics, integrating OpenAI, Anthropic, and Google GenAI, reducing manual report preparation time by 70%.

Developed secure file ingestion and processing pipelines with AWS S3, SQS, and BullMQ, improving large file processing throughput by 3×.

Created automated migration and schema generation workflows using Kysely ORM, reducing database onboarding time from days to under an hour.

Optimized backend services with Redis caching and query refactoring, cutting API response times by 45%.

Enhanced CI/CD pipelines with automated testing (Jest) and coverage reporting (Codecov), improving deployment reliability and reducing post-release bugs.

Grailpay | New York, NY

Full Stack Developer | 03/2023 - 02/2025

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 ~0.8s 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

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

Frontend: React.js, Redux, Next.js, TypeScript, Remix.js, Tailwind CSS, AntDesign, Canvas

Backend: Node.js, Express.js, NestJS, GraphQL, Prisma, MongoDB, PostgreSQL, AWS

DevOps & Testing: Docker, GitLab, Jest, Cypress, React Testing Library

Education

Yerevan State College of Informatics | Computer Science | 09-2018 - 09/2022