Alexandr Katsay

katsay.alexandr@gmail.com | +16468675682 | linkedin.com/in/alexandr-katsay | New York, NY

https://www.alexandrkatsay.com | https://github.com/akatsay

Skills

- **Languages**: JavaScript, Typescript, Python, Java, Bash, PHP, HTML, CSS, SQL
- **Frontend**: React.js, Next.js, Marko.js, jQuery, Redux.js, React-Native, React-Query, Apollo, React-MUI, SCSS/SASS, Tailwind.css, Bootstrap, Webpack, Babel, Vite, WCAG 2.2, Jest, Mocha, React Testing Library, Playwright, Storybook
- **Backend**: Node.js, Express.js, Nest.js, GraphQL, REST APIs, WebSocket, HTTP, JSON, AJAX, Postman
- **Database Management:** MongoDB, MySQL, PostgreSQL, Oracle RDBMS, TypeORM, Strapi.js CMS, Contentful
- **CI/CD and Architecture**: Git, GitHub, Git Hooks, GitHub Actions, Jenkins, Linux, Docker, Kubernetes, AWS, Cloud
- **Teamwork**: Jira, Bitbucket, ESLint, Code Review, Mentorship, Agile, Scrum, Kanban

Experience

Frontend Web Developer | International Child Art Foundation | 2023 - Present

- Built client facing Next.js application at https://myfavoritesport.org/ that facilitates work of hundreds of young artists.
- Added required specialized and reusable React components and custom hooks to meet the design requirements leveraging React's composition best practices, reducing development time by 20% and enhancing code maintainability by 15%.
- Guaranteed best web accessibility practices, resulting in a 10% enhancement in overall user satisfaction and a significant reduction in accessibility-related support requests.
- Translated Figma designed templates into responsive, intuitive UI components and web pages leveraging tailwind.css.

Full Stack Engineer | Universal Video Instructional Interface | 2023 - 2024

- Played a key role in creating INSINC – the video survey app designed to automate survey campaigns and decrease the amount of time and marketing budgets allocated to creation of survey campaigns.
- Consumed OpenAI API and AWS SDK to provide real-time analytical insights for survey campaigns.
- Reorganized data filtering flow and cache, reducing network bandwidth usage by 50%.
- Configured Content Delivery Network through AWS CloudFront for S3 to optimize asset loading across the globe.
- Implemented better code splitting techniques, through lazy loading and dynamic imports improving FCP and LCP by 20%.
- Constructed the whole User Dashboard UI with React components inspired by Figma templates, consequently introducing new API endpoints and database models, supporting dashboard functionality.

Full Stack Engineer | Parfum Leader | 2020 - 2023

- Engineered internal progressive web application (PWA) for generating and printing price tags for the "Marafett" retail network, thus increasing price tag generation speed by 30% and overall productivity of sales personnel.
- Optimized call center employee service speed by an average of 1.5 minutes through introduction of an intuitive web application for call center.
- Extended and optimized REST APIs, for external services and generation of feeds for external campaigns, which resulted in 10% sales increase over the year through online marketplaces.
- Unified authentication mechanisms through multiple internal applications, ensuring a consistent standard and enhanced security using AWS Cognito, resulting in a 20% reduction in login-related issues and a streamlined user experience.
- Integrated client-side caching mechanisms to reduce network loads by 90% and improve Time to Interactive to 3s.

Education

- **Borough of Manhattan Community College |** Associate degree, Computer Information Systems
- **Dostoevsky Omsk State University |** Bachelor degree, Digital Marketing

Licenses & Certifications

- **AWS Certified Practitioner |** Amazon Web Services (AWS)
- **Advanced React |** Meta
- **Responsive Web Design |** Free Code Camp
- **JavaScript Algorithms and Data Structures |** Free Code Camp