

Alexandr Katsay

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Skills

- **Languages:** JavaScript, Typescript, Python, Java, Bash, PHP, HTML, XML, CSS, SQL
- **Frontend:** React.js, Hooks, Next.js, Vue, 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, Django, Flask, GraphQL, REST APIs, WebSocket, HTTP, JSON, AJAX, Postman
- **Database Management:** MongoDB, DynamoDB, Aurora, Redshift, MySQL, MsSQL, PostgreSQL, Oracle RDBMS, Redis, Type ORM, Strapi.js, Contentful, Wordpress, Drupal, CMS
- **CI/CD and Architecture:** Git, GitHub, Git Hooks, GitHub Actions, Jenkins, Linux, Docker, Kubernetes, AWS, Cloud
- **Teamwork:** Jira, Trello, Bitbucket, ESLint, SOLID, Code Review, Mentorship, Agile, Scrum, Kanban

Experience

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

- Built client facing Next.js application at <https://myfavoritesport.org/> that facilitates work of hundreds of young artists.
- Translated Figma designed templates into responsive, intuitive UI components and web pages leveraging tailwind.css.
- Implemented specialized and reusable React components and custom hooks, reducing development time by 20% and enhancing code maintainability by 15% as measured by code reviews and team feedback.
- Guaranteed best web accessibility practices, resulting in a 10% reduction in accessibility-related support requests.
- Ensured best SEO optimization, by implementing effective mix of rendering techniques, semantics and sharing metadata.

Full Stack Web Developer | Universal Video Instructional Interface | May 2023 - January 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.
- Constructed the whole User Dashboard UI with React components inspired by Figma templates, consequently introducing new API endpoints and database models, supporting dashboard functionality.
- Consumed OpenAI API and AWS SDK to provide real-time analytical insights for survey campaigns.
- Reorganized data querying flow and cache, reducing network bandwidth usage by 50%.
- Configured AWS CloudFront CDN for S3, enhancing asset loading speed globally by average of 35% ,
- Implemented better code splitting techniques, through lazy loading and dynamic imports improving FCP and LCP by 20%.

Full Stack Web Developer | Parfum Leader | May 2020 - May 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 to an average of 1.5 minutes by introducing new intuitive web based CRM.
- 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 across 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 70% and achieve 3s Time to Interactive (TTI).
- Assisted in migrating a legacy codebase from jQuery and PHP to a modern stack using Node.js and React.js

Education

- **Borough of Manhattan Community College** | Associate degree, Computer Information Systems | 2022 – 2024 | GPA:3.8
- **Dostoevsky Omsk State University** | Bachelor degree, Digital Marketing | 2018 – 2022 | GPA: 3.5

Licenses & Certifications

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