Adam Mika

Wrocław, Poland • ✉ adamika827@outlook.com • in https://www.linkedin.com/in/ adam-mika-71264939b

Summary

Results-driven Frontend Developer with 8+ years of experience delivering high-performance, scalable web applications in financial services, SaaS, and e-commerce industries using **React**, **Next.js**, and **TypeScript**. Expert in designing and implementing reusable component libraries, optimizing rendering with **SSR**, **SSG**, and **ISR**, and ensuring robust state management with **Redux Toolkit** and **React Query**. Proven track record of enhancing UI reliability, performance, accessibility, and user experience through advanced **React** patterns, modern testing practices, and cloud-integrated frontend solutions.

Technical skills

- **Languages**: JavaScript, TypeScript, Python, SQL
- **Frontend Development**: React, Next.js, Redux Toolkit, RTK Query, Zustand, React Query, SWR, React Bootstrap, Tailwind CSS, SCSS, Emotion CSS, Formik, Yup, i18next, Server Components, Client Components, React Hooks, Custom Hooks, Context API, Suspense, Error Boundaries, Dynamic Imports, Code Splitting, Lazy Loading, Responsive Design, Accessibility, Pixel-perfect UI, Micro-frontend Architecture
- **Backend Development**: Node.js, Express.js, PostgreSQL, MongoDB, JWT Authentication, RESTful APIs, GraphQL APIs, Data Caching, Server-side Rendering
- **Testing & Quality Assurance**: Jest, React Testing Library, MSW, Integration Testing, Unit Testing, Test Coverage, Regression Testing, Automated Testing, CI/CD
- **Cloud & DevOps**: AWS Lambda, AWS S3, Docker, Edge Middleware, Serverless Functions, Deployment Automation, Cloud Data Enrichment, API Integration
- **State Management & Data Handling**: Redux Toolkit, RTK Query, Zustand, React Query, SWR, Apollo Client, Context API, Modular Slice Patterns, Optimized Data Flows
- **Routing & SEO**: Next.js App Router, SSR, SSG, ISR, SEO Optimization, Fast Page Load, Content Delivery, Navigation Patterns
- **Design & Collaboration Tools**: Figma, Design System Integration, Tailwind CSS, Emotion CSS, Pixel-perfect UI, Form Validation, Multi-step Forms, UI Consistency

Professional Experience

Senior Software Engineer

January 2025 – November 2025

Capgemini, Warsaw, Mazowieckie, Poland, Hybrid

- Developed scalable micro-frontend experiences for the **American Express** project by building reusable UI modules with **TypeScript**, **React**, and **Next.js**, improving frontend performance, modularity, and architecture across distributed applications.
- Enhanced UI reliability by implementing a robust automated testing environment using **React Testing Library**, **Jest**, and **MSW**, reducing regressions and ensuring consistent behavior across complex customer-facing workflows.
- Delivered performant and accessible interfaces by applying advanced **React** patterns such as **Hooks**, **Custom Hooks**, **Suspense**, and **Error Boundaries**, while leveraging **Next.js** capabilities like **SSR**, **SSG**, and **ISR** for optimized rendering and SEO.
- Improved visual consistency and speed of delivery by integrating the client’s design system and applying **UI/UX design principles** across micro-frontends, standardizing component behavior, and reducing design fragmentation.
- Enhanced interface aesthetics and responsiveness using **CSS libraries** such as **Tailwind CSS**, **Bootstrap**, and **Material UI**, ensuring a consistent, responsive, and visually appealing experience across devices.

- Integrated AI-powered insights from **OpenAI GPT-4.0** and **Anthropic Claude 3.5** directly into UI components, creating dynamic, interactive frontend features that improved user engagement.
- Optimized frontend architecture and maintainability by creating reusable component libraries, enforcing coding standards, and applying modular design patterns across multiple micro-frontends.

Senior Frontend Developer

August 2021 – December 2024

Goose, United States, Remote

- Built scalable frontend foundations by developing reusable **TypeScript**, **React**, and **Next.js** components, improving application structure and maintainability for core Goose products.
- Delivered high-performance, data-driven features using **React Query**, **SWR**, and **Zustand**, optimizing data flow and reducing unnecessary network requests.
- Applied advanced **React** patterns including **Hooks**, **Custom Hooks**, **Context API**, **Suspense**, and **Error Boundaries**, improving component reliability during complex UI transitions.
- Leveraged **Next.js Server Components** and **Client Components** to streamline rendering logic, reduce bundle size, and modernize application architecture for better frontend performance.
- Improved routing, scalability, and SEO using **Next.js App Router**, **SSR**, **SSG**, and **ISR**, ensuring fast load times and consistent content delivery.
- Optimized user experience and frontend performance through **Dynamic Imports**, **Code Splitting**, and strategic lazy-loading, enabling smoother interactions and lower time-to-interactive.
- Delivered responsive, accessible, and visually consistent UI using **Tailwind CSS** and **Figma**, ensuring pixel-perfect design implementation across desktop, tablet, and mobile interfaces.
- Streamlined user workflows and reduced form errors by implementing robust validation logic with **Formik** and **Yup**, improving submission accuracy and simplifying multi-step onboarding flows.
- Enhanced platform security and workflow control by integrating **Next.js Middleware** and edge-based validation patterns, protecting critical routes while maintaining low-latency performance.
- Built reliable state and data-handling flows with **Redux Toolkit**, **RTK Query**, and modular slice patterns, improving predictability and simplifying state management for complex multi-step UI features.
- Achieved 85%+ test coverage using **React Testing Library** and **Jest**, creating stable UI test suites that significantly lowered regression risk and improved release quality across remote teams.

Frontend Developer

March 2018 – June 2021

Remedy Product Studio, Minsk, Belarus, Remote

- Established a scalable frontend environment using **Docker**, **TypeScript**, and **React**, improving onboarding speed and standardizing development across multiple micro-frontends.
- Developed reusable **React** components and **Custom Hooks**, standardizing frontend patterns and reducing redundancy across the application.
- Achieved high frontend reliability with 85%+ automated test coverage using **React Testing Library** and **Jest**, ensuring stable delivery of new features.
- Optimized state and data flows using **Redux Toolkit**, **React Apollo**, and **GraphQL**, improving frontend performance and minimizing unnecessary network requests.
- Delivered responsive and accessible UIs using **Emotion CSS** and **Figma**, maintaining visual fidelity and design consistency across devices.
- Applied advanced **React** patterns, including **Hooks**, **Suspense**, and **Error Boundaries**, to improve component reliability and manage asynchronous UI interactions.
- Supported scalable frontend architecture by integrating modern tooling such as **TypeScript**, **React**, **Redux Toolkit**, and **GraphQL**, maintaining high performance across remote team development.

- Optimized performance and maintainability by creating reusable component libraries, enforcing coding standards, and applying modular frontend architecture principles.

Frontend Developer

August 2017 – February 2018

Wevedo, London Area, United Kingdom, Remote

- Developed responsive web application features using **React**, **JavaScript**, and **React Bootstrap**, creating interactive and dynamic user interfaces that improved usability and engagement across the platform for a wide range of wedding service management functionalities.
- Styled and maintained reusable components using **SCSS** and **React Bootstrap**, ensuring consistent design implementation across multiple pages while accelerating the delivery of new features and maintaining adherence to design guidelines.
- Implemented multilingual support with **i18next** and robust form handling using modern **React** form libraries, enabling accurate validation, reducing user input errors, and supporting internationalization requirements for a global user base.
- Integrated frontend components seamlessly with backend APIs, ensuring smooth and reliable data flow between the client-side interface and server, while maintaining responsive behavior and real-time updates to enhance the overall user experience.

Education

Master of Computer Science

June 2017

Honors: cum laude (GPA: 3.8/4.0)

University of Amsterdam, Amsterdam, Netherlands

Bachelor of Computer Science

July 2015

University of Amsterdam, Amsterdam, Netherlands