Oleksii Monakhov - Full Stack Developer

Email: goshagriboedskii@gmail.com
LinkedIn | GitHub | Portfolio

Skills:
- JavaScript (JS), TypeScript, React, Redux, Next.js, Remix
- Vue.js, Vuex, Nuxt.js, Svelte, SvelteKit, CSS, HTML
- Micro Frontend, Microservice Architecture
- GCP, AWS, Docker, Kubernetes
- MongoDB, PostgreSQL, RabbitMQ, Kafka, Redis
- Go, GoLang, gRPC, Protobufs
- WebSocket, HTTP, REST, GraphQL
- Node.js, Express.js, NestJS
- React Native

Professional Experience

Playtech - Full Stack Developer

January 2024 - Present | Remote

- Migrated microservices from HTTP 1.1 to HTTP 2, reducing data transfer time by 15%.
- Integrated Redis for caching and message brokering, resulting in a 25% boost in system performance.
- Upgraded React from version 16 to 18.3, refactoring legacy class components to functional components.
- Migrated the codebase from JavaScript to TypeScript, improving type safety and reducing bugs.
- Implemented an event-driven architecture using Redis Streams, improving resilience and scalability.
- Migrated from a self-hosted Redis Sentinel setup to Amazon ElastiCache, optimizing resource utilization.
- Optimized microservices architecture by adopting a service mesh approach, improving Kubernetes performance.

FusionWorks - Full Stack Developer

May 2023 - December 2023 | Chisinau, Moldova (Hybrid)

- Developed microservices using Express and NestJS, contributing to a scalable backend system.
- Built microfrontends for Vue, React, and Svelte applications using Webpack Module Federation, reducing integration time.
- Integrated Storybook, streamlining UI development and reducing design inconsistencies.

Tibica - Frontend Developer

April 2022 - March 2023 | Remote, Odessa, Ukraine

- Built AWS cloud-based applications for startups and enterprises using React, Redux, and TypeScript.
- Designed efficient frontend architectures to support high-traffic environments.
- Worked closely with backend teams to optimize API performance and ensure seamless integration.

Iambloom - Frontend Developer

January 2020 - February 2022 | Hybrid, Odessa, Ukraine

- Developed a scalable e-commerce platform using Next.js, CSS, Firebase, and Strapi CMS.

- Designed and implemented authentication and real-time data synchronization features leveraging Firebase services.
- Integrated Strapi as a headless CMS to manage dynamic content efficiently.
- Created a responsive and visually appealing UI, optimizing CSS to improve performance and user experience.
- Collaborated with backend teams to ensure seamless integration with cloud functions and databases.

Key Achievements

- Successfully led the migration of monolithic applications to microservices architecture, improving scalability and deployment efficiency.
- Designed and implemented a robust event-driven system using Redis Streams, ensuring real-time data flow across multiple microservices.
- Spearheaded the transition from self-hosted Redis Sentinel to AWS ElastiCache, optimizing cost-efficiency and system reliability.
- Introduced a service mesh architecture, improving inter-service communication, leading to a 30% reduction in latency.
- Mentored and led a team of developers, improving code quality and accelerating feature delivery timelines.
- Optimized database schema and indexing strategies, reducing query response time by 40% and enhancing system performance.

Education

Bachelor's Degree - V. N. Karazin Kharkiv National University