

GEORGE MISHUROVSKY

Podgorica, Montenegro | +382 69 812 160

mishurovsky.com | george@mishurovsky.com | linkedin.com/in/gamishurovsky

CAREER SUMMARY

Software Engineer • Systems Architect • Tech Lead

- **Product-minded Software Engineer** with 10 years of experience designing software, implementing front-end and back-end components of web applications. Versed in communication with non-technical clients and collaboration within development teams.
- **Proficient in .NET (C# and F#), TypeScript, Node.js, React, and Next.js**, writing performant and maintainable code following principles of SOLID, clean code and architecture. Expert in building user-friendly, efficient, and accessible UIs based on sound design principles. Experienced in solution architecture and cloud-native development.
- **Educated Medical Doctor, graduated cum laude**, bringing additional depth when working on healthcare and clinical systems, helping bridge the gap between clinicians and engineering teams.

AREAS OF EXPERTISE

- TypeScript & JavaScript
- .NET (C# & F#)
- HTML & CSS
- React & Next.js
- Tailwind CSS
- Storybook
- REST API
- Node.js
- SQL (PostgreSQL)
- NoSQL (MongoDB)
- Jest & Playwright
- Keycloak
- AWS
- Linux
- Docker
- Git
- Python & R
- HIPAA compliance

PROFESSIONAL EXPERIENCE

Bild, Podgorica, Montenegro

2024 – Present

A software development agency for growing businesses

Senior Software Engineer

Joined a team working on a web application for a private investment management company as a Senior Software Engineer. Optimized application performance and reworked user experience, led architecture and development of data-rich user workflows.

- **Led development of complex applications** (microservice backends, React SPA frontends), aligning product requirements with technical execution. Drove delivery planning, mentored engineers, and improved team effectiveness — increasing delivery speed by 15% and cutting production bug reports by 80%.
- **Reworked UX of existing applications** in close communication with clients. Streamlined the UI for users according to design principles, reduced interaction complexity, fixed accessibility and keyboard navigation issues, reaching a Lighthouse accessibility score of 100.
- **Optimized application performance**, reducing page load time by 90% and reducing response times by 70% in critical sections. Reviewed CI/CD pipelines to speed up build times by 30%, improving developer experience and cycle time.

Moscow Center for Healthcare Innovations, Moscow, Russia

2021 – 2024

An applied R&D center for the state healthcare system

Senior Full Stack Engineer

Worked on a custom data management and analysis software for clinical trials of anti-cancer medications. Developed AI-driven chatbots for diverse applications.

- **Led back-end and front-end software development** for the clinical trial data storage and management system for 15,000 participants, ensuring high quality and HIPAA compliance. Coordinated the integration of the system into the three largest oncological hospitals of Moscow, facilitating effective communication between healthcare customers and the development team.
- **Delivered an analytical system for clinical trial data**, providing initial insights and enabling fast data preprocessing for further analysis, saving 50h of researcher workload monthly.
- **Developed an AI-powered patient support system for the Moscow Healthcare Department**, using NLP models to guide thousands of breast-cancer patients with through the healthcare system.

Future Doctor, Moscow, Russia

2019 – 2021

An online school offering state exam preparation for high school students

Full Stack Engineer

- **Implemented from scratch** a system to manage an online school, including modules for live video lessons, scheduling, attendance, handling of homeworks, and performance reports.
- **Built a Progressive Web App (PWA)** featuring over 2,000 pages of study materials with varying functionality depending on user role.

Vitaminboxes, Moscow, Russia

2018 – 2019

A subscription-based service of personal dietary supplements delivery

Web Developer

- **Developed websites** for the company, featuring landing pages, a blog, and a basic CRM system. Optimized SEO, integrated services for payments and user traffic analytics.
- **Scaled the website** from 0 to 200 daily visitors with a 3% conversion rate into a purchase.

Lomonosov Moscow State University, Moscow, Russia

2015 – 2018

Research Software Engineer (Student Researcher)

- **Developed data pipelines and statistical models** with academic researchers, transforming raw experimental data into statistical outputs and visualizations.

EDUCATION

Doctor of Medicine

Moscow State University, Moscow, Russia

Degree cum laude (GPA 4.93 / 5.00), minor in Computer Science & Statistical Computing

US Medical Licensing Examination (USMLE) Step 1 score – 254 (top 10% worldwide)

CERTIFICATIONS & COURSES

AWS — Certified Solution Architect Associate

Gorbunov Bureau — Negotiations and Client Relations

Gorbunov Bureau — Project and People Management