Ivan Melnyk

IVAN MELNYK

Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience building scalable products for startups and global enterprises. Specialized in TypeScript, React, and Go, with a strong track record of delivering high-quality UI for major US luxury retailers and automotive leaders. Expert in Micro-frontend and Microservices architectures, passionate about writing maintainable code and leveraging Cloud (GCP) and DevOps (Docker, K8s) to optimize delivery.

WORK EXPERIENCE

Grid Dynamics

Grid Dynamics | Middle Full-Stack Software Engineer | June/2025 - Present

- Transitioned into backend development using Go, implementing Microservices architecture.
- Designed and integrated high-performance communication layers using gRPC, WebSockets, and RabbitMQ.
- Containerized and orchestrated services using Docker and Kubernetes, streamlining deployment pipelines.
- Implemented secure authentication and authorization flows using JWT and managed relational data with PostgreSQL.

Grid Dynamics | Middle UI Software Engineer | March/2024 - June/2025

- Engineered complex Micro-frontend architecture for a leading international automotive aftermarket developer.
- Optimized application state management by implementing Zustand and integrated GraphQL for efficient data fetching.
- Facilitated Agile processes, leading sprint demos and participating in backlog refinement for a cross-functional international team.

Grid Dynamics | Junior UI Software Engineer | Sept/2023 – Jan/2025

- Developed the frontend for a major US luxury retailer using React and TypeScript, focusing on high-fidelity UI and performance.
- Architected frontend structures from scratch using Vite, improving build speeds and developer experience.
- Enhanced code reliability by implementing comprehensive unit testing with Vitest and Jest.
- Built responsive, accessible interfaces using MUI, Redux, and React-hook-form.
- Earned Google Cloud (GCP) Certification to align frontend delivery with cloud-native infrastructure.

Course Si

Programming and robotics teacher | Jan/2023 – Aug/2023

- Delivered engaging lectures and hands-on workshops on programming fundamentals and robotics to diverse student groups.
- Provided individualized instruction and mentorship through pair programming sessions, fostering collaborative learning and problem-solving skills.
- Conducted code reviews to provide constructive feedback and guide students in developing high-quality, efficient code.

EDUCATION & CERTIFICATES

- **WROCLAW UNIVERSITY OF SCIENCE AND TECHNOLOGY** - Electronic and Computer Engineering | 2022-2025
- **GOOGLE CLOUD CERTIFIED - CLOUD DIGITAL LEADER** | 2024
- **CCNA: INTRODUCTION TO NETWORKS**

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript (ES6+), Go, Node.js, SQL.

- **Frontend:** React, Redux, Zustand, Next.js, HTML5, CSS3, SCSS.

- **Backend & DB:** Go (Gin/Echo), Express, GraphQL, REST, PostgreSQL, MongoDB, RabbitMQ.

- **Tools & DevOps:** Git, Docker, Kubernetes, GCP, Vite, Vitest, Jest.

- **Design & Management:** Figma, Jira, BitBucket, GitLab.

LANGUAGES

- English - C1
- Ukrainian - C2, native
- Russian - C2, native
- Polish - C1