

# Oleh Vanin

Senior Full Stack Engineer / Senior Software Engineer

✉ [exsesx@gmail.com](mailto:exsesx@gmail.com) ☎ [+48 880 077 232](tel:+48880077232) 📍 Poland


## Summary

Senior Full Stack Developer with 9+ years of experience in building scalable, robust web applications using Node.js (Nest.js), Go, React (Next.js), and other modern frameworks. Proficient in handling multi-project codebases, streamlining CI/CD workflows, and utilizing cloud-based or hosted services for optimal performance. Key achievements include reducing system downtime, automating workflows, and supporting thousands of concurrent users. Recognized for clear communication, precision in work, and strong focus on continuous professional growth. Originally from Ukraine, based in Poland, and open to worldwide collaboration.

## Profiles

 [GitHub](#)  
[exsesx](#)

 [LinkedIn](#)  
[exsesx](#)

 [Cal](#)  
[exsesx](#)

## Areas of Expertise

Backend Development  
Node.js (Nest.js, Fastify), Bun, Deno, Microservices

Frontend Development  
React.js (Next.js), Web APIs

AI Integration  
Vercel AI SDK (OpenAI, Anthropic, Deepseek)

Database Management Systems  
AWS RDS (PostgreSQL), MySQL, MongoDB

Messaging Systems  
RabbitMQ, Kafka

Caching Systems  
Redis, Memcached

Search and Observability Tools  
Elasticsearch, Kibana, Grafana, Jaeger, OpenTelemetry

CI/CD Pipelines  
GitHub Actions, GitLab CI, Terraform

Cloud Infrastructure  
AWS, GCP, DigitalOcean, Vercel, IaC, Cloudflare

## Experience

ControlUp

Poland (remote)

Senior Full Stack Engineer / AI Engineer

Feb 2026 – Present

ControlUp is a Digital Employee Experience (DEX) management platform that helps IT teams monitor, troubleshoot, and optimize enterprise endpoint and virtual desktop environments.

- Building the AI Assistant platform (dex-ai-assistant) from the ground up, integrating MCP servers, tool orchestration, and skill-based workflows powered by LLM pipelines via Foundry.
- Designing and implementing license-aware features that adapt assistant capabilities based on customer subscription tiers.

- Developing multi-agent tooling and MCP integrations to enable the AI assistant to interact with ControlUp's monitoring and automation infrastructure.
- Working across the full stack with TypeScript, Node.js, React, and cloud services.

<https://controlup.com/>

Quicklizard

Poland (remote)

Senior Full Stack Developer

Mar 2025 - Jan 2026

Quicklizard – A leading AI-powered Dynamic Pricing Platform for Retailers and Brands (2025–2026)

Quicklizard is a B2B SaaS platform that provides AI-powered dynamic pricing solutions. It helps retail and e-commerce businesses automate and optimize their pricing strategies across multiple sales channels by analyzing market data, competitor prices, and demand patterns in real-time.

- Owned end-to-end delivery of features across frontend and backend: scoping with stakeholders/teammates, implementation, code reviews, QA support, rollout behind feature flags, gradual shipping, monitoring, and iteration based on production feedback.
- Drove development of core UI workflows in the Next.js application (pricing dashboards, localization/i18n, authentication flows, and bulk pricing overrides), collaborating closely with teammates during discovery and refinement.
- Modernized the frontend stack by upgrading Next.js to v16, Tailwind CSS to v4, and related tooling, improving maintainability, build performance, and developer experience.
- Reduced engineering overhead by simplifying repository setup and removing Nx where it wasn't justified for a single-app architecture, improving local development and CI/build ergonomics.
- Implemented backend-facing API enhancements in Go across a microservices environment to support pricing analytics and automation workflows.
- Worked hands-on with Redis, RabbitMQ, PostgreSQL, Elasticsearch, Kafka, AWS, and observability tooling to deliver reliable, production-grade functionality.
- Proactively tracked and communicated security advisories affecting the stack (for example, Next.js and React Server Components advisories), coordinating upgrades and releases to reduce exposure.

<https://quicklizard.com/en/>

S-PRO

Ukraine

Full Stack Developer

Aug 2018 - Feb 2025

Tso Chinese 3.0 – Dark Kitchen Automation Software (2022–2025)

- Designed and implemented the system architecture for Tso 3.0, including transitioning to microservices and rewriting REST APIs to GraphQL from the ground up to future-proof the system, enable collaboration across multiple teams, and support the opening of new locations.

- Led a cross-functional team of up to 10 members, while actively contributing to system development and ensuring alignment with project objectives.
- Spearheaded the creation and optimization of development processes, such as implementing straightforward code review practices, establishing Scrum ceremonies, and improving documentation standards, to enhance efficiency, foster collaboration, and consistently deliver high-quality outcomes.

#### Tso Chinese 2.0- Dark Kitchen Automation Software (2021-2024)

- Rapidly advanced from mid-level developer to a key technical contributor, playing a pivotal role in the development of Tso 2.0.
- Selected to work on the architecture for Tso 3.0 based on consistent high performance and deep understanding of the system.
- Maintained proactive client communication and successfully supported a live production environment.
- Transitioned payment processing from Stripe to Cybersource, achieving significant cost efficiencies.

#### CoinMENA(UAE-based Cryptocurrency Application)

- Implemented an asynchronous front-end architecture to handle real-time verifications and updates.
- Adapted rapidly to evolving requirements, ensuring seamless integration of new features.
- Successfully met a critical regulatory certification deadline, enabling business operations throughout the MENA region.

#### This is Language(Language Learning Platform)

- Built a scalable backend with video transcoding, varied learning puzzles, and an innovative multiplayer game, enhancing students' learning through interactive and competitive engagement.
- Demonstrated exceptional performance, leading to an invitation to join the client's UK-based team with potential visa sponsorship.

<https://s-pro.io>

S-PRO

Ukraine

Lead Software Engineer

Apr 2020 - Sep 2023

- Managed a team of frontend engineers across multiple projects, supporting their growth through PDPs and technical guidance.
- Provided expertise to resolve blockers and ensure the success of over 17 projects.
- Contributed to hiring processes, pre-sale project estimations, and discovery phases.
- Delivered workshops to enhance team skills and knowledge sharing.

<https://s-pro.io/>

FreshCode IT

Ukraine

Web Developer

Aug 2017 - Aug 2018

## Huddle(Household Utility Management)

- Adapted quickly to a new technology stack, transitioning from Angular.js to React. Began working closely with PostgreSQL, utilizing stored procedures and integrating them seamlessly with PostGraphQL.

## DataDocs (Collaborative Data Platform)

- Contributed to developing an advanced grid with features like pivoting, collaboration, and file upload with resume capability using Angular.js. Expanded knowledge of Java, Hibernate, Spring, and core computer science principles while learning from a highly skilled team.

<https://www.freshcodeit.com/>

---

### Education

Zaporizhzhia Polytechnic National University	Bachelor's degree
Computer Software Engineering	2018 - 2022
Zaporizhzhia Electrotechnical Professional College	Associate's degree
Software development	2014 - 2018

---

### Additional Skills

#### #1

I am passionate about exploring emerging programming languages and technologies, including Go, Rust, Zig, and Neovim. I am deeply committed to continuous learning and consistently seek out innovative ways to improve workflows and solve problems effectively.

For instance, my transition to Neovim allowed me to dive into Language Server Protocols (LSPs) and understand their inner workings, reflecting my enthusiasm for exploring systems at a deeper level.

In the realm of frontend development, I actively research and experiment with cutting-edge frameworks such as Remix, Qwik, Astro, Svelte (and SvelteKit), Vue (and Nuxt), and Fresh (Deno-based web framework). Similarly, in backend development, I am intrigued by modern tools like Hono and their deployment capabilities on platforms like Cloudflare Workers and AWS Lambda.

Beyond backend and frontend technologies, I have a strong interest in artificial intelligence. I not only leverage tools such as ChatGPT, Perplexity, Claude, and Deepseek for daily tasks but also actively explore integrating AI into applications using Structured Outputs, Realtime APIs, and other advanced methodologies. The possibilities offered by AI to enhance user experiences and optimize workflows are incredibly exciting to me.

My passion for programming extends to problem-solving, where I apply new languages like Rust, Go, and Zig to challenges such as the annual Advent of Code. This ongoing commitment to staying at the forefront of technology drives my ability to deliver efficient and forward-thinking solutions.