Yurii Soproniuk

Senior Full Stack Engineer

About Me

Hello! I'm a Full Stack Engineer from Ukraine with 5+ years of commercial experience in web development, specializing in TypeScript, Node.js (NestJS), and React/Next.js.
I started out building interfaces and landing pages, and today I own features end to end on high-load products: backend services and APIs, payment integrations, cloud infrastructure and CI/CD, monitoring, and security.

Contact Information

Location: Ukraine
Languages: English (B2), Ukrainian (native)
Telegram: @niukjs
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Skills & Expertise

Proficient

Languages: TypeScript, JavaScript, Node.js, Python
Frontend: React, Next.js, Redux Toolkit, React Query, Tailwind CSS, SCSS/CSS Modules, GSAP, Vite/Webpack
Backend: NestJS, Express, Strapi, Django (Django CMS), REST APIs, WebSockets (Socket.IO), BullMQ, payment gateway integrations
Databases: PostgreSQL, MongoDB, Redis, ClickHouse, TypeORM
DevOps and Cloud: Docker (Compose, Swarm), Traefik, Nginx, CI/CD (GitHub Actions, GCP Cloud Build), GCP (Compute Engine, Cloud Functions, Storage), Cloudflare, Vercel
Monitoring and Testing: Grafana, Loki, Prometheus, Sentry, Jest

Professional Experience

Senior Full Stack Engineer

at a CS2 iGaming company (under NDA)

January 2025—Present

End-to-end development of a high-load CS2 skin gambling platform (case opening, battles, upgrades, and other game modes): ~20k daily visitors, ~40k new registrations per month, and ~5M requests per day, with traffic peaks above 400 rps.

- Building product features end to end: interactive game modes, real-time multiplayer over WebSockets, A/B-tested user flows, and admin/CMS tooling
- Integrated 10+ payment and payout providers (crypto, Visa/Mastercard, P2P, and in-game skin deposits) across multiple currencies, with an in-house anti-fraud system working together with the providers' own checks
- Managing 15+ regional domains with their own languages, redirects, and DDoS protection; integrating third-party APIs and bots (Steam, Facebook, Telegram, email platforms, and more)
- Migrated production PostgreSQL from a self-managed VPS to a cloud cluster with zero downtime, using live replication
- Owning infrastructure and observability: Docker Swarm with Traefik, GCP, CI/CD pipelines, Prometheus, Grafana, Loki, and ClickHouse analytics
- Improving platform security: backend audits, vulnerability fixes, log-based incident investigation, and DDoS mitigation

Full Stack Engineer (part-time) at Gentleman's Code

December 2022—January 2025

- Developed websites, CRMs, and applications from scratch using NestJS, Strapi, and Next.js
- Designed and implemented scalable architectures and design patterns; deployed solutions using cloud platforms (AWS/GCP) or custom setups (Nginx, Docker)
- Set up CI/CD pipelines for efficient development workflows, utilizing tools such as GCP Cloud Build, Artifact Registry, GitHub Actions, and Docker registry
- Monitored environments and analyzed logs using Amazon Athena, GCP Cloud Monitoring, Prometheus, Loki, and Grafana; integrated analytics setups
- Optimized website performance with CDNs like CloudFront and Vercel, and enhanced server efficiency using GCP load balancers

Throughout my work, I contributed to numerous projects, including: Kyiv IT Cluster, Trinity Car Rental Boutique, Chronicles of Power, BURSAhotel, Wetrade Exchange, Creative States, Enso Investment and many others.

Frontend Developer at Live Media HUB

May 2022—January 2025

- Developed features for Novyny Live, a high-traffic national news site: article and category pages, live-news updates, and ad and analytics integrations
- Built a shared component library reused across the group's sites (FFU, Gidna, Children Hub) and animated GSAP landing pages from Figma designs
- Brought Core Web Vitals into the green zone (Google's "Good" thresholds) and made multilingual (UA/EN) sites SEO-ready with SSR/SSG, structured data, sitemaps, and hreflang
- Migrated a legacy React 16 SPA to Next.js 14 (App Router) and helped migrate a legacy Symfony 3 backend to Django 5

Also worked with

Frontend: Material UI, React Native, Svelte
Backend: GraphQL, RabbitMQ, MySQL, Prisma, Mongoose, Elasticsearch, Algolia, Firebase, Puppeteer (web scraping)
Other: AWS (EC2, S3, Lambda, CloudFront), Kubernetes, Helm, Core Web Vitals, technical SEO, Telegram Bot API, OpenAI API

I primarily worked with Next.js, Python/Django, and Vite/Webpack on projects including FFU, Novyny Live, TyKyiv, Levchyk, Gidna, Children Hub.

Strong Junior Frontend Developer at PM-DT

December 2021—May 2022

- Built responsive React/Next.js interfaces from Figma designs (Redux Toolkit, Material UI, SCSS Modules) and connected them to Django CMS APIs
- Refactored code, took part in peer reviews, and debugged features in close collaboration with backend developers and designers

Projects include Motormart, the PM-DT website, and several internal products.

Junior JavaScript Developer at Voypost

July 2021—December 2021

- Developed internal ERPs and CRMs with TypeScript, React/Next.js, Node.js, and Firebase functions in an Agile (Scrum) team
- Implemented features and fixed bugs under senior code review; built web scraping and data-processing tools with Puppeteer

All projects were internal or under NDA.

Achievements

Master's Degree in Software Engineering

🏛 Igor Sikorsky Kyiv Polytechnic Institute

Graduated in January 2025.

Bachelor of Software Engineering

🏛 Igor Sikorsky Kyiv Polytechnic Institute

Graduated in 2023.

Certifications

🏛 SoftServe, Udemy, Coursera, MongoDB University

Successfully completed the SoftServe Academy course: Development, Design, and Architecture of Modern Software Systems Based on Object-Oriented Languages for the WebUI Developer position. The final project can be found on GitHub.
I have completed other courses and certifications:
Coursera: Object-Oriented Design, Algorithmic Toolbox, Introduction to Data Science in Python, GCP: Core Infrastructure, Essential GCP: Foundation, Essential GC Infrastructure: Core Services, Elastic GC Infrastructure: Scaling and Automation
Udemy: NestJS Microservices, Complete Guide to Elasticsearch
MongoDB University: MongoDB Basics, MongoDB Data Modeling, Basic Cluster Administration, MongoDB for JavaScript Developers

Hobbies & Interests

I enjoy cycling 🚴, going to the gym 🏋️, and occasionally jogging 🏃 in the evenings. I'm also a fan of watching anime, films, and series. Additionally, I'm a big fan of the S.T.A.L.K.E.R. series.