

ONYSHCHENKO IGOR

SENIOR / STAFF SOFTWARE ENGINEER

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PROFILE

Senior / Staff Software Engineer with 9+ years of experience engineering scalable web applications, leading frontend teams, and architecting complex systems across DeFi/Web3, AI-driven applications, and privacy-focused platforms. Expert in React, TypeScript, Node.js, and modern state management, with a track record of scaling engineering workflows and optimizing performance.

EDUCATION

Software Engineering

Igor Sikorsky Kyiv Polytechnic Institute, Software engineering

09.2015 – 06.2019

LANGUAGES

English: Advanced/Fluent

Ukrainian: Native

Russian: Native

SKILLS

Languages: JavaScript (ES6+), TypeScript

Frontend & Web3: React, Next.js, Angular, Vue, Redux (Toolkit/Sagas/Observable), MobX, Web3.js, ethers.js, NEAR SDK, Concordium SDK, WalletConnect, MetaMask, Ledger SDK, HTML5/SASS, Styled Components, CSS Modules

Backend & Cloud: Node.js, Express, Koa, CQRS Architecture, WebSockets, Firebase, Terraform, Docker, Jenkins

Testing & Observability: Jest, Vitest, React Testing Library, Cypress, Cucumber, Grafana

Build Tools & AI: Vite, Webpack, Lerna, OpenAI, Claude AI Integrations / AI Agents

WORK EXPERIENCE

Full stack developer | Responsum | 03.2024 - 08.2026

Used technologies: Node.js, Express, React, Redux, Docker, Terraform, Grafana, Jenkins

- Architected scalable backend services using CQRS-inspired design to strictly isolate privacy-critical commands from read-heavy operations, ensuring audit compliance and data integrity.
- Spearheaded transition to a modular multi-package ecosystem, extracting core business logic and shared utilities into independent npm packages across frontend applications.
- Integrated AI agents into the dev lifecycle to automate code generation, conduct initial security/style PR reviews, and perform real-time anomaly log parsing.
- Introduced Terraform for infrastructure configuration and integrated Grafana alongside custom Claude AI skills to streamline log, trace, and metric parsing.
- Managed complete deployment pipelines using Jenkins and Docker containerization to maintain reproducible, secure builds.

Lead frontend developer | Tacans | 05.2022 - 03.2024

Used technologies: React, MobX, Vite, ethers.js, NEAR SDK, Concordium SDK, WalletConnect, MetaMask, Ledger

- Led and scaled a frontend engineering team from 3 to 7 developers, overseeing task distribution, technical architecture, code reviews, and technical interviewing.
- Architected and deployed multiple Decentralized Exchange (DEX) platforms across EVM (Ethereum) and non-EVM ecosystems (NEAR, Concordium).
- Integrated hardware and software wallet solutions including MetaMask, WalletConnect, Concordium Wallet, and Ledger.
- Collaborated directly with Concordium core developers via dedicated channels to debug early-stage SDKs, propose fixes, and implement native blockchain integrations.

Lead fullstack developer | Weblum | 02.2020 – 05.2022

Used technologies: React, Redux, redux-observable, Webpack, Node.js, Express, Koa, Styled Components

- Acted as Fullstack Lead, guiding developer growth, conducting deep code reviews, and enforcing best architectural practices across a high-traffic website builder platform.
- Solved critical performance and rendering bottlenecks, dramatically cutting page loading times from multiple seconds down to milliseconds and significantly boosting SEO scores.
- Designed and integrated core platform modules, including custom popups, store/e-commerce integrations, and complex user site controls.

Senior frontend developer | Seezona | 07.2019 – 12.2019

Used technologies: React, Redux, custom middlewares, CSS Modules, Webpack

- Improved site performance, page load times, and interface responsiveness across an e-commerce platform.
- Implemented advanced analytics tracking to capture key user behavioral data for data-driven product decisions.
- Rewrote the administrative management panel from scratch for improved inventory and order management efficiency.
- Developed an interactive Body Shape Visualization feature helping users preview garments on various body types.

Middle frontend developer | SE Infotech | 01.2019 – 06.2019

Used technologies: React, Redux, custom middlewares, CSS Modules, Webpack

As a middle frontend developer, I had the opportunity to work on a confidential project under a Non-Disclosure Agreement (NDA). During this engagement, I collaborated with a team using a range of cutting-edge technologies, including TypeScript, React, Redux, Lerna, jss, jstp, and metaschema.

Full stack developer | Stearling | 09.2017 – 12.2018

Used technologies: JS(ES6), React, Flux, Redux, Node, Ruby on Rails, pug, sass

Developed several landing pages, and web portals under NDA.

PET PROJECTS

Async-threads

Library for combining async and parallel programming. Node, worker_threads

Used technologies: Node, worker_threads

Embedded Music Player

Aircast music player for Orange Pi

Used technologies: Node, C++, Aircast

WebRTC Conference

Simple app for creating video conferences in browser Node

Used technologies: React, Redux, WebRTC, medooze-media-server