

Ivan Symchych

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SUMMARY

Full Stack software engineer with 15 years of experience, seeking interesting projects. I can build projects from the ground-up, and develop them without accumulating too much technical debt. I have extensive experience modernizing mature systems as well.

A results-oriented systems thinker with a pragmatic approach and a diverse skill set. Proficient in clean code, teamwork, documentation, and testing. Committed to high integrity, continuous learning, and quick problem-solving.

Not interested in gambling, betting, instant credit, surveillance, or ad tech.

TECHNICAL HIGHLIGHTS

- TypeScript, JavaScript, Rust, Java, SQL, GraphQL
- HTML, CSS, SCSS, CSS-in-JS, Tailwind
- OOP/OOD, FP, Reactive Programming, Design Patterns, SOLID, HTTP, REST
- Linux, Emacs

I'm an expert in **TypeScript** and **JavaScript**, actively use **Rust**, and, earlier in my career, used to code in **Java**.

Last few years I was working primarily with **TypeScript**, **React.js**, **Node.js**, **REST**, **Web components**, **CSS**, **Tailwind**, **Rust**, **Axum**, **Tokio**.

Also, I have experience with geospatial JS libraries, HTML5 video streaming and WebRTC.

EXPERIENCE

Full Stack Engineer at Synergetica September 2021 – January 2025

- **Waze Map Editor for Waze (Google subsidiary), the community-driven navigation platform**

Waze Map Editor (WME) is an online tool that allows users to edit and update Waze maps. I contributed to its migration from JavaScript to TypeScript and from Marionette.js to React.js, designing many of the core hooks and strategies for a gradual transition. I also helped to design and build the initial version of an SDK for user scripts and create a mapping library now used across multiple Waze projects.

TypeScript, React.js, Backbone.js, Node.js, OpenLayers, GeoJSON, Stencil, Jest, Puppeteer

Full Stack Engineer at Remit April 2016 – February 2021

- **Web Frontend for MaginePro, a video streaming company**

MaginePro is a white-label OTT platform. I helped to build the single-page application in React and prerendering server in Node.js. Application is highly customizable via feature flags and scales for multiple partners, which could be configured on the fly.

Also, I was working on a cross-platform video player, Chromecast receiver application, introduced end-to-end tests, and automated internal processes.

JavaScript, TypeScript, React.js, Redux.js, Shaka Player, Node.js, Fela, GraphQL

- **Calendar app for ThinkTank, the platform for collective intelligence**

Single page calendar application for managing events and appointments using REST API in Java.

Angular, TypeScript, RxJS, SASS, Java, Spring

Frontend Engineer at SoftServe August 2015 – April 2016

- **Jitsi Meet SPA for Atlassian**

I was refactoring and fixing bugs in the Jitsi.org web app, an open-source video conferencing solution.

JavaScript, Babel, Lodash, JQuery

- **HipChat SPA for Atlassian**

I was working on React-based web UI for HipChat, a chat for teams from Atlassian. I took part in refactoring, bugfixing, and writing unit and integration tests.

JavaScript, React.js, Babel, Lodash, Karma, Selenium

Full Stack Engineer at Intellias July 2012 – August 2015

- **Secure online chat peer.me for Tenios, a German VoIP service provider**

Webchat leverages the power of WebRTC, cutting-edge technology which allows browsers to communicate with each other without a server (peer-to-peer), with end-to-end encryption. I was working on the library which encapsulates core functionality like sending encrypted text messages and files, synchronizing data between clients, establishing group audio and video calls. Also, I took part in the development of SPA UI and backend.

Java, WebSockets, WebRTC, Marionette.js, Tomcat, Jasmine

- **Web portal and utilities for Tenios, a German VoIP service provider**

The web portal is a SPA for customers to manage their phone numbers, routing plans, bills, calls forwarding, etc., and an admin portal to manage customers and internal business processes. The backend was implemented as a REST API. I took part in both frontend and backend development.

Java, Spring, Hibernate, PostgreSQL, Marionette.js, Bootstrap

- **Web portal for RPLab, diagnostic laboratory from Belgium**

Web frontend for ETL process on client medical data. As a result, the system also generates per-client reports in HTML or pdf formats. I took part in both frontend and backend development.

Java, Spring, MongoDB, JSP, Stripes, FlyingSaucer, JFreeChart

Java Developer at JSC Kredobank July 2010 – July 2012

- **Web services to aggregate and simplify internal business processes**

I was working on design, development, bugfixing, and support of internal web services. Also, I built a GUI client in Swing for configuring and calling those web services.

Java, JBoss, SOAP, WSDL, Oracle 11g, Jenkins CI, Gradle

EDUCATION

Master's degree in Applied Mathematics, Ivan Franko National University of Lviv, Ukraine (2007 - 2013)

LANGUAGES

Ukrainian Native

English Advanced

INTERESTS

Programming (particularly human-computer interactions, software engineering, cryptography, distributed systems), science fiction & popular science, traveling, hiking, computer games