Ivan Symchych

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SUMMARY

Full-stack software developer 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.

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, 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`, love and enjoy `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`.

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

EXPERIENCE

Contractor at Synergetica   Sep 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, OpenLayers, GeoJSON, Stencil, Jest, Puppeteer`

Contractor 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, Node.js, Fela, GraphQL`

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

Single page calendar application for managing events and appointments using REST API in Java. I took part in both frontend and backend development.

`Angular, TypeScript, RxJS, SASS, Java, Spring`

Contractor at SoftServe   August 2015 – April 2016

- **Jitsi Meet 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 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 (Java/JavaScript) developer 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 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