SERHII SYDORUK

Senior Frontend Engineer

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Frontend engineer with 15+ years of experience building interfaces across web, mobile, desktop and system-integrated applications. My work has moved from early JavaScript and hybrid mobile apps through React product development and frontend infrastructure at Wix to my current work on ATM software, where a React/TypeScript UI communicates with a native C# application through WebView2. I tend to go beyond the visible UI: understanding the system behind a feature, finding friction in real workflows, and turning ideas into practical engineering improvements.

Work Experience

Alliance Digital | Frontend Engineer | Oct 2024 - Present

Frontend integration for ATM transaction software on Windows, connecting a React/TypeScript UI with a native C# application through WebView2.

- Build and maintain the React/TypeScript integration layer for ATM transaction flows, bridging the frontend with the native C# application.
- Design and implement automatic TypeScript type generation from C# code, keeping frontend types synchronized with the native application.
- Build and maintain GitLab CI/CD with automated builds and deployment to Windows environments over WinRM, making delivery reproducible and reducing manual release work.

Wix.com | Frontend Team Lead | Sep 2018 - Jun 2024

Worked across product UI, frontend infrastructure and platform integration before becoming a team lead in a small group responsible for Wix Groups.

- Built frontend UI for Wix domain and DNS configuration.
- Worked on frontend infrastructure/tooling, integrating complex engineering solutions into tools used by frontend developers.
- Joined the Wix Groups frontend team and became its Team Lead, working on the integration of Groups into the wider Wix platform.

Helsi.me | Frontend Team Lead | Feb 2017 - Sep 2018

Joined Helsi at an early stage, when the service was used by a small number of clinics and fewer than a thousand patients; left as the platform had grown to millions of active users.

- Led frontend development of the patient-facing part of the platform, including the patient account.
- Built and evolved frontend functionality using React, Redux, Redux-Saga and Redux Form.
- Partnered with users and real healthcare workflows to improve the patient experience, and routed feedback on broader platform issues beyond the frontend team's scope.

Cogniance | Frontend Engineer | Aug 2015 - Jan 2017

- Developed a homeowners web app with AngularJS and SCSS.
- Built a Chrome extension for Gmail using InboxSDK, Backbone and SCSS.
- Developed CRM analytics interfaces with React and Redux.

R&R Music Ltd | **Frontend Developer** | **Oct 2014 - Jul 2015**

- Built a music library catalog with Ember.js, JavaScript and SCSS.

ZEO Alliance | **Frontend Developer** | **Oct 2012 - Oct 2014**

- Built an indoor landing management system and HTML-based WebViews for desktop applications, including MacKeeper.
- Worked with HTML5, CSS3 and JavaScript frameworks.

Stanfy | **HTML/CSS/JavaScript Developer** | **Aug 2011 - Oct 2012**

- Built frontend WebViews for PhoneGap hybrid mobile applications targeting iOS and Android.

Independent | **Web Developer** | **Jan 2009 - Jul 2011**

- Started web development through independent projects and hands-on work alongside an experienced web developer.

Skills

Frontend: React TypeScript JavaScript HTML/CSS Redux MobX Redux-Saga

Architecture: Component architecture State management Frontend infrastructure Platform integration

Integration: WebView2 C# Native app integration REST/API-driven UI

Engineering: CI/CD Git Monorepos Code review Developer tooling Technical leadership

Earlier Stack: AngularJS Ember.js Backbone.js PhoneGap jQuery

Projects

Office Wayfinding Prototype

- Built a working React/Leaflet prototype for indoor navigation across multiple office floors, with interactive maps, floor switching, points of interest and route planning. Started from a real usability problem: people regularly struggled to navigate the building.

Technologies: React · Leaflet.js · Indoor navigation · Interactive maps

Education

Master of Engineering in Multimedia Systems | **National Aviation University** | **Jan 2007 - Jan 2012**

Languages

Ukrainian (Native) · English (Upper-Intermediate)

Interests

Current Exploration: Embedded systems · ESP32 · Electronics · Systems programming · Hardware-software integration

Hobbies: Travel · Gaming · Astronomy