Jef Harkay
Senior Software Engineer

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Summary

Meticulous Senior Software Engineer with a big personality looking for an even bigger project to wrangle. Loves long walks on the beach with Vue but has a curiosity for learning React or Angular. Mentors engineers of all ages, ranks, and walks of life. Jira champion, enthusiastic debugger, defensive programmer, effective communicator, and a loud advocator for best practices.

Experience

Senior Web Engineer | **QAD Redzone** | Remote — **Mar 2023 - Feb 2024**
Project: Vue 3, TypeScript 5.x, Tailwind, Pinia, NestJS, OpenAPI — *Manufacturing Tech*

- Led biweekly web forum discussions on technical decisions, roadblocks, and features
- Maintained NestJS BFF endpoints, e2e tests, data mappers, and OpenAPI spec
- Introduced components for common page layouts, inputs, and data tables
- Architected provide/inject concept for local state in lieu of Pinia
- Increased velocity for getting MVP production ready

Software Developer (contractor) | **IntrinsiQ** | Remote — **May 2022 - Dec 2022**
Project: Vue 3, TypeScript, Tailwind, C# — *Health Tech*

- Tailored core components from scratch and by wrapping Kendo UI components
- Implemented micro front-end architecture for shared modules
- Migrated core components to NPM package for reusability
- Completed patient search tool MVP in 3 months

SSE/Tech Lead | **PURE Property Management** | Remote — **Aug 2021 - Apr 2022**
Project: Vue 3, TypeScript, GraphQL, Node.js — *Property Tech*

- Acted as primary lead on financial reporting team and co-led another team
- Documented engineering guidelines for more efficient on-boarding process
- Designed core components NPM package for offshore team
- Mentored junior developers

Senior Software Engineer | **WideOrbit** | Remote — **Apr 2018 - Apr 2021**
Project: Ext JS, C# — *Advertising Tech*

- Wrote technical design documents for Jira epics
- Created wiki documents for best practices, pull request rules, and UI architecture
- Reported over 200 issues on the Sencha Support portal
- Patched over 100 framework bugs and quirks
- Implemented complex nested routing across applications

Web Developer | **VitalWare** | Remote — **May 2017 - Mar 2018**
Project: Ext JS, GraphQL, ColdFusion — *Health Tech*

UI Developer (contractor) | **WideOrbit** | Lynnwood, WA — **Apr 2015 - Feb 2017**
Project: Ext JS, C# — *Advertising Tech*

UI Developer (contractor) | **Time Warner Cable** | Broomfield, CO — **Aug 2013 - Mar 2015**
Project: Ext JS, Node.js, Ruby — *Communications Tech*

Cryptologic Computer Scientist | **Dept. of Defense** | Fort Meade, MD — **Jun 2010 - Jul 2013**
Projects: Ext JS, jQuery, Perl, AngularJS — *Classified Tech*

Front-End Skills

Vue.js Ext JS TypeScript JSON

ECMAScript 6+ Tailwind CSS SCSS

PrimeVue Phaser HTML

Back-End Skills

Node.js NestJS C# CRUD

TypeORM GraphQL SQL

Misc Skills

Data Modeling OOP OpenAPI

REST Web Sockets

Education

Bachelor of Computer Science
Penn State
Aug 2006 - May 2010

4 Postgraduate Classes
UMBC
Aug 2010 - May 2012

Created with 💗 and Vue