

# William Hartman

Full Stack Software Engineer

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## EXPERIENCE

### **Turion, Remote — Senior Platform Engineer, Full Stack**

JANUARY 2022 - APRIL 2022

Develop client-side software for execution in web browsers using technologies such as JavaScript, React, Material UI, and other tools and libraries.

Develop server-side web applications and services using technologies such as JavaScript, Next JS, Node, Express, SQL, and BASH.

Design and maintain databases for persistent storage and caching using MySQL.

Conduct day to day maintenance and implementation of web hosting systems using technologies such as AWS, Nginx, Node, NPM, and Git. Contribute to the architecture and implementation of developed systems and workflows.

Utilize tools such as ticketing systems (JIRA) and wikis (Slab) to track units of work, document application designs, and provide internal documentation for both technical and non-technical audiences.

### **Lifecenter Northwest, Bellevue — DevOps Engineer**

JUNE 2019 - JANUARY 2022

Work closely with staff to identify areas where a custom software tool would be advantageous, then create the project charter to lay out the plan.

Host quarterly prioritization meetings to get input from staff on which tool/app to create or update.

Create fully custom web apps. Design and build everything from the UI/UX, front-end functionality, and data manipulation, to the backend, API calls, endpoints, and database.

Work with the junior developer by assigning tasks, giving feedback, helping with issues, fixing bugs, pair programming, and handling git merge requests.

Establish a main point of contact for each app and work closely with them throughout the development process, getting frequent feedback to ensure the app is fitting with the vision and desires of the staff.

Thoroughly test the app using both manual testing and automated testing. Assign 3-5 "super users" to help alpha/beta test the app before it rolls out to the full staff.

Host the app using Microsoft Azure tools, including Azure SQL databases, Linux virtual machines, virtual networks, Active Directory logins, etc.

## SKILLS

React, Node.js, Next.js  
JavaScript, HTML 5, CSS 3,  
PostgreSQL, MySQL, Redux,  
Git, Express, Digital Ocean,  
NPM, Jest, Heroku, Auth0,  
Chart.js, Cypress.io, Azure,  
and more.

## EDUCATION

### **DevMountain, Utah — Full Stack Web Development**

September 2017 - December 2017

12-week full stack web development bootcamp to gain proficiency in React, Node.js, SQL, HTML, CSS, Javascript ES6, Git, Auth0, pair programming, database schema, and more.

### **Sacramento State University, Sacramento — Computer Science**

AUGUST 2008 - MAY 2010

Completed 60 units of Computer Science coursework.

## LANGUAGES

English

Japanese

## **Microsoft, Redmond — *Support Engineer (Web Developer)***

JUNE 2018 - June 2019

Develop and update current internal web based tools using full stack web development technologies.

Created a full stack web app for internal use to track bugs for the Windows Insider program.

Provides support primarily for end users, along with developers and corporate customers.

At a peer level, communicates problems to development and other internal organizations.

## **Freelance — *Freelance Full Stack Web Developer***

JANUARY 2018 - JUNE 2018

Building and reviewing websites for companies of local contacts and those found on UpWork.com

Completion and security/authentication audit of SuperFetch

## **MME Consulting, Sacramento — *Support Engineer I***

MAY 2016 - SEPTEMBER 2017

Hardware and software setup of multiple dentist and orthodontist offices.

Supported over 10,000 computers and servers.

Server, network, workstation, dental/orthodontic technology (xray, scanners, Dolphin, Dentrix, etc).

## **PROJECTS**

### **BJJ Curriculum — *Web App for BJJ Students and Instructors***

React, JavaScript, Auth0, MUI, Axios, Node, Express, and more.

Full stack webapp that tracks a students progress in techniques required to be promoted to blue belt from white belt in Brazilian Jiu-Jitsu.

Instructors can view their students progress through the app to learn what techniques each student knows so they can prepare lessons and drills for class.

Is currently being used at Infinity Martial Fitness in Lebanon, NH. And is free for other gyms to use as well.

### **SuperFetch — *Web App for SuperFetch***

React, Redux, JavaScript (ES6), Apollo, GraphQL, Axios, Lodash, Moment, Google Maps, antd, Router, Isomorphic Dashboard, Flexbox, CSS Grid.

Front end web app for the company SuperFetch that tracks users, trucks,

drivers, etc, all necessary for SuperFetch employees to run their business.

Driver and admin side to the app with different functionalities and permissions.

### **NeboFit — *DevMountain Group Project***

React, Redux, Node, JavaScript (ES6), PostgreSQL, Express, Massive, Jest, Material UI, Semantic UI, Moment, Chart.js, RC-Progress, Flexbox, CSS Grid, Fitbit API.

Full stack website that helps track and display nutrition, hydration, steps, sleep, weight.

Calculates and displays when a user is at their peak performance using a custom algorithm.

Used mobile-first approach to create responsive designs for smartphones, tablets, and computers.

### **RelativePay — *DevMountain Project***

React, Redux, Node, JavaScript (ES6), PostgreSQL, Express, Massive, Material UI, Chart.js, Flexbox, CSS Grid.

Full stack website that compares salaries to Cost of Living across the country.

Used mobile-first approach to create responsive designs for smartphones, tablets, and computers.

Won "Best Presentation" award.