Wyatt Weisensel

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Work Experience

Orbis Corporation, Oconomowoc, WI   Sept. 2020-Present

Full-Stack Software Developer

- On an agile team with four other developers. Creating an inventory management system for warehouse managers and forklift operators. Using **Vue.js, TypeScript, C# (.NET Core), Azure**, **SQL**
- Integrated **Okta** to allow users to work with a local account or a customer's external identity provider.
- Used **Fluent-Validation library** to provide backend-validation to **REST** API endpoints.
- Architected core backend code to support SQL transactions and encapsulate business logic.
- Designed and implemented **Azure Functions** app to perform inventory forecasting and schedule shipments.
- Created CI/CD pipeline with **GitHub Actions**. Builds application, runs unit tests, and deploys to stage environment.
- Practicing **test-driven development** with **xUnit** and **Moq**.
- Architecting new features by utilizing **SOLID** principles, **Object-Oriented design patterns**, **domain-driven design**.
- Sole developer adding features and bug-fixes to an existing inventory management application. Supports a large auto-manufacturer. Using **Angular 2+, C# (.NET Core), Azure**

Unext, Green Bay, WI (Part Time)   Aug. 2020-Present

Full-Stack Software Developer

- Part of a team of three developers creating a job application website tailored for college students.
- Integrating **Stripe API/Webservice** and **webhooks** to handle credit card payments and subscriptions. Using **Angular 2+, C# (.NET Core)**

Interac, Fukuoka, Fukuoka Prefecture, Japan   Mar. 2019-Mar. 2020

Assistant Language Teacher

- Planned and taught English lessons for elementary and junior-high school in the Japanese public-school system.

goVirtualOffice, Waunakee, WI   Jan. 2017-Feb. 2019

Software Developer

- Developed solutions for the **Oracle Netsuite ERP** system to enhance client's lead-to-cash business processes. Primarily scripted against Opportunity, Sales Order, and Invoice records.
- Used AdvancedPDFs and Suitelets to create a 1099 Tax Reporting SuiteApp for NetSuite. Worked as the lead developer and was responsible for the full product lifecycle.
- Worked on a team of four to gather requirements, design, implement, test, and deploy system to aggregate data and generate high volumes of invoices on a scheduled basis.
- Built an **npm** package to streamline development by automatically syncing VS Code environment with client's NetSuite environment. Tech utilized: SuiteTalk API (**C#**), **Node.js**, and **Gulp.js**.
- Used RESTLets to integrate data between NetSuite and Workday. Used Map/Reduce scripts to process data and generate invoices.
- Used **Electron** to develop payroll desktop application that calculated and added employee overtime rate data to a given Microsoft excel file.
- Designed and developed JavaScript application to automate cascade deletes of various record types in NetSuite.

Projects for Continuous Learning

- Designed and implemented a real-time "Word Complete" online multiplayer game. Includes authentication and authorization. Created RESTful API with **Node.js** and **Express.js**. Uses **MongoDB** to store user information. Uses **Socket.IO** for real-time communication. Frontend is created with **React**, **React Router**, **Redux**, and **Bootstrap**. Created integration tests with **Mocha**. Hosted on **AWS Lightsail** with **NGINX** and **PM2**. wordcompleteonline.com
- Created a personal website. Used **React** and **Materialize CSS**. Hosted on **AWS S3** and **CloudFront**.

Education

- Bachelor of Science, Computer Science, Computer Technology Emphasis, Business Administration Minor
- University of Wisconsin – Platteville, September 2012 – December 2016

Technologies

Day-to-Day Comfort		Have Experience With	
JavaScript	Git, GitHub	Bootstrap	Java
Vue.js	SQL	Socket.IO	AWS (Lightsail, EC2, Route 53, S3, CloudFront)
TypeScript	RESTful API Design	MongoDB, Mongoose	
.NET Core	Stripe REST API	React, Redux, React Router	Gulp.js
Entity Framework	Okta	Angular 2+	
C#	Azure (Web Services, Functions, SQL Server)	PHP	
HTML, CSS		Node.js	