JONATHAN GILMER

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EDUCATION:

FULL-STACK SOFTWARE ENGINEERING BOOTCAMP — 2022
TrueCoders — Certified for completing 500+ hours of intensive lectures, personal and group project-based training in technologies such as: C#, SQL, JavaScript, .NET Core, APIs, JSON, ORMs, Unit Testing, ASP.NET Core MVC, HTML, CSS, Visual Studio and Git.

M.F.A. MUSIC COMPOSITION FOR THE SCREEN **Columbia College Chicago** — 2018

B.M. COMPOSITION & MUSIC TECHNOLOGIES **LaGrange College** — 2016

EXPERIENCE:

SOFTWARE ENGINEER II — Sync with Connex (JMA Web Technologies, Inc.) — Jun 2022 - Sep 2023

Contributed development, updates, debugging, and testing of the company's 2 main SaaS applications:

Connex for QuickBooks (connexforquickbooks.com)
A SaaS application allowing users to automatically sync orders, inventory, and fees from their E-commerce marketplaces to their QuickBooks account

- Consolidated and upgraded 2 separate ASP.Net MVC 4.x code bases into a single ASP.Net Core 6 application, successfully minimizing code maintenance and complexity of future updates
- Refactored 10-year-old code module responsible for syncing e-commerce integrations with QuickBooks Online by implementing interfaces and Dependency Injection, allowing for loosely coupled code and efficient unit testing
- Maintained Shopify integration by ensuring HTTP requests were functional for each of Shopify's API updates
- Tested and debugged Azure Functions responsible for periodic maintenance of database tables (removing old logs and notifications) and syncing of QuickBooks Online users' data
- Debugged customers' issues related to e-commerce REST APIs and mapping of response data to their QuickBooks accounts by using tools such as Postman and Telerik Fiddler
- Updated front-end code with Telerik UI Kendo Grids, AJAX, and Bootstrap to maintain Intuit's app store publishing guidelines and to build new user interface elements
- Wrote new unit tests using MSTest framework, SQLite database, and Moq to test the functionality of QuickBooks Online data mapping, API requests, infrastructure classes, and automated tasks
- Published bug fixes and software updates in 2-week sprints with Azure DevOps and Jira

Connex Inventory Planner (inventory.connexecommerce.com)
A SaaS application that assists users in managing the product inventory of their connected E-commerce selling platforms by providing accurate sales reports, AI forecasting, and automated stock updates

- Worked as a full-stack developer to create the backend API using C#, ASP.Net Core, and Entity Framework
- Utilized React, Node.js and TypeScript to build and design the prototype's front-end, coupled with Axios to make HTTP requests to backend API
- Designed back-end algorithms to generate data for various order, refund, and inventory reports (i.e. best-selling products and total revenue per month per e-commerce platform)
- Implemented Chart.js with date-range features to display report data to users over a dynamic time period
- Developed a QuickBooks Online integration which allowed users to connect/authorize their accounts and automatically import and map inventory data
- Created new unit tests using NUnit framework and Moq to test algorithm calculations and DTO mappers
- Executed T-SQL database queries using Microsoft SQL Server to confirm or make changes to user license keys