Peter Monahan

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**SKILLS QuickBase, JavaScript, HTML5, CSS3, React, Jinja2, Angular, C#, .NET, Python, Azure, Express, Git**

**EXPERIENCE**

**Safe.Right.Fast. Canonsburg, Pennsylvania**

*Application Developer* November 2023 – Present

* Excelled in a dynamic team environment, efficiently managing incoming client needs among developers. Simultaneously handled multiple clients and projects, ensuring timely delivery.
* Developed a strong proficiency in the **QuickBase** platform, leveraging its capabilities alongside custom solutions. Continued to enhance expertise in **HTML**, **CSS**, **JavaScript**, and React.
* Directly engaged with clients to tailor apps that precisely addressed their business requirements. Notably, collaborated closely with Lighthouse Electric’s QA/QC Department to craft an application streamlining Pre-Energization and Preventative Maintenance checks on job site equipment. This initiative will significantly improve documentation and project management for future electrical projects.

**Nitto Advanced Components Jackson Jackson, Missouri**

*Machine Operator* June 2020 – October 2023

* Succeeded both on a team, and in a solo role, to stay productive and exceed expectations. On one occasion I was trained on a new machine and within a month I had fine tuned its settings, reducing the time it took to run a single roll by 35%.
* Worked together with another employee reworking material to remove defects, saving approximately $160,000 worth each month.
* Supported three other departments, and was frequently praised for my ability to learn quickly and for my attention to detail.

**Chick-fil-A Cape Girardeau, Missouri**

*Team Leader* January 2017 – June 2020

* Operated as team leader over ten to fifteen people during peak sales hours, facilitating communication and speed.
* Headed outside drive-thru order taking in all weather conditions with exceptional customer service, serving 100+ guests an hour.

**EDUCATION & CERTIFICATIONS**

**QuickBase: Expert Builder**

*Validates ability to design, build, implement and maintain Quickbase apps.* June 2024

**Microsoft Certified: Azure Fundamentals (AZ-900)**   
*Demonstrates foundational-level knowledge of cloud services and how those services are provided with Microsoft Azure.*  March 2023

**App Academy**

*Curriculum of Study in Full Stack Web Development (Python, JavaScript, and libraries including React, Flask, and Sequelize)* January 2023

**PROJECTS**

**JustChess** (Python, Flask, React, Redux, Socket.IO Flask-SocketIO, SQLAlchemy, PostgreSQL, HTML5, and CSS3) [Live Site](https://justchess.herokuapp.com/) **|** [Github](https://github.com/peter-monahan/Just-Chess)

*A website based on chess.com where users can add friends, send messages, and play a game of chess with another user.*

* Implemented back-end game logic using **OOP** principles of inheritance and polymorphism, with a base “Piece” class and child “ShortRange” and “LongRange” classes, which individual pieces inherit from, achieving code reusability and a smaller codebase.
* Incorporated **Websockets** using **Socket.IO** to keep game state and message history constant between users.
* Used **CSS** transform to position chess pieces, allowing use of the transition property to accomplish smooth movement animations.

**Vistagram** (ASP.NET, C#, Angular, Typescript, PostgreSQL, Entity Framework, HTML5, and CSS3) [Github](https://github.com/peter-monahan/photo-share-project.git)

*A website inspired by Instagram where users can follow other users and create posts with pictures and captions.*

* Utilized the **Entity Framework** in **C#** to establish a self-referencing many-to-many relationship, enabling efficient and scalable tracking of user relationships in the implementation of the user follow feature.
* Integrated **Single Sign-On** (**SSO**) using Microsoft Identity Platform, allowing a user the options of creating a new Vistagram account or signing in with an existing Microsoft account.
* Successfully deployed and hosted the web application and database on Microsoft’s **Azure**, cloud platform.