Jon Shaw

Software Development Engineer

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Github · **Linkedin** · **Website**

Skills

C# · ASP.NET MVC · Entity Framework

Python · Django

HTML · CSS · Bootstrap · JavaScript · JQuery · Angular· AJAX

SQL · SQL Server · MySQL

AGILE · Scrum · Git · Github · Azure DevOps · TDD

Empathy · Creativity · Enthusiasm · Teamwork

Experience

Web Developer / Python Live Project Director • The Tech Academy

July 2020 - Current

- Develop features for the company's LMS built with C#, ASP.NET MVC and Entity Framework.
- Drive project as SCRUM master, product owner and mentor for a team of students in 2 week sprints on a Python / Django project in Azure DevOps. The applications perform CRUD operations to a SQL database, consume APIs and perform web scraping tasks.
- Create instructional content to help onboard new developers onto the project.
- Mentor students on a project built in C# / ASP.NET MVC.

Freelance Web Developer • Musicians in Solidarity

June 2020 - July 2020

- Personally planned, built and deployed an eCommerce site for a nonprofit called Musicians in Solidarity.
- Implemented eCommerce store, signature gathering, and donation features.
- Integrated the site with Monday.com for business management.
- Used Wordpress, WooCommerce, and Elementor page builder.

  Musiciansinsolidarity.org

Software Developer Internship • Prosper IT Consulting

March 2020 - June 2020

- Worked on an AGILE team on an application for a theatre company built with C#, ASP.NET MVC, and Entity Framework.
- Created a widget that allows the admin to generate multiple calendar entries based off of a series of selected parameters and checkboxes. **More info here**
- Developed a fully featured customizable search function to query multiple tables in the database, using C#, LINQ, and REGEX.
- Created a feature that dynamically loads photos as the user reaches the bottom of the page for an infinite scrolling effect using Javascript, jQuery, and AJAX.
- Created a web app with Python / Django framework that provides information on eclipses, meteor showers, and the International Space Station. **More info here**
- Consumed Nasa's APOD API, to display a new image every day, and Wolfram Alpha's API to display data about upcoming meteor showers.
- Used the Beautifulsoup package to web scrape daily updates from the International Space Station's rss feed.

Wordpress Storefront Specialist • Eclectic Sounds

September 2018 - December 2019

- Managed site content and store inventory.
- Ensured proper integration with Ebay, Reverb and Discogs.
- Handled incoming orders.

Professional Musician

December 2005 - December 2020

- Worked for over a decade as a self-employed professional musician (upright/electric bass).
- Performed, toured, taught lessons at Reed College, and worked as a recording artist.

Education

Tech Academy • Full Stack Program

December 2019 - May 2020

- Extensive bootcamp covering over 1000 hours of C#, Python, Javascript, HTML, database management, data science, version control and computer science fundamentals.
- Designed to simulate a real work environment, and provide hands on experience building projects with a team.

Western Oregon University • Bachelors of Music

September 2004 - June 2010, Monmouth, OR