



Patrick Petro

Front-End Developer

Versatile front-end developer passionate about creating intuitive, high-impact user experiences through clean code and thoughtful UI design. Proven track record in optimizing performance and improving efficiency. Committed to delivering high-quality solutions while continuously growing in technical expertise and user-centered design.

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TECHNICAL SKILLS

Languages

JavaScript, TypeScript, Python, VBA

Frameworks & Libraries

Angular, React, React Native, Ionic, Pydantic

Markup & Styling

HTML, CSS, SCSS, Material UI, Bootstrap

Tools & DevOps

Git, Github, NPM, Atlassian Suite, Twilio

Databases & APIs

SQL, JSON, REST APIs

Design

Figma, Adobe Creative Suite



EMPLOYMENT EXPERIENCE

Avid Marketing Group (AMG)

Front-End Developer

Rocky Hill, CT

April 2021 - Present

- Promoted from Junior Front-End Developer within 12 months after leading the launch of a major product version that cut development time by 50%.
- Lead Developer on multiple high-profile websites, driving a 99% user retention rate for Ryan Reynolds' Aviation Gin Super Bowl LVII sweepstakes.
- Streamlined site deployment by developing a Python application that enhanced documentation accuracy and boosted team efficiency.
- Automated site monitoring using Python scripts to ensure optimal load times and performance across web applications.
- Enhanced digital capabilities by developing eight Angular components and services, improving code maintainability and design customization.
- Designed and developed five Twilio-based IVR systems in JavaScript, managing 100,000+ calls in the first month post-launch.

Clough, Harbour & Associates (CHA) Inc.

Assistant Systems Analyst

Rocky Hill, CT

September 2019 - April 2021

- Developed a VBA application to automate key company processes, reducing manual tasks and improving efficiency by 30%.
- Utilized custom VBA application to analyze 1,000+ utility pole structures, ensuring compliance with state regulations.
- Reviewed proposals for 30+ multi-million dollar projects prior to funding approval meetings, confirming accuracy to project specifications.

Connecticut Online Computer Center (COCC)

Senior Customer Support Coordinator

Configuration Analyst

Customer Support Coordinator

Southington, CT

June 2016 - September 2019

- Boosted task efficiency by 85% within 3 months of promotion to senior level through the development of a VBA application.
- Resolved 60+ support tickets weekly related to security and access errors with a 90% client satisfaction rate.
- Created an internal error directory site using HTML, CSS, and JavaScript, improving customer inquiry resolution times by 20%.
- Provided digital support for 2 financial institutions throughout the rebranding process of their online banking sites.
- Conducted regression testing on 3 new version enhancements to identify bugs and report to the development team.



Full Stack Web Development Bootcamp

University of Connecticut, School of Engineering

November 2019 - May 2020

- 24-week intensive program focused on full-stack web development, covering technologies including React, HTML5, CSS3, JavaScript/jQuery, Bootstrap, Node.js, Axios, Express, MySQL, and MongoDB.
- [Project 1](#): Kanban style task manager application with a drag and drop UI for updating tasks saved to local storage.
- [Project 2](#): Password generator which returns a random password based on user input with a copy to clipboard feature.
- [Project 3](#): Searchable dashboard to view the current weather (and 5 day forecast) of a specific city while storing user search history.

Python 3 Programming

CT State Tunxis

April 2019 - May 2019

- 6-week introductory course covering Python development; data types, loops, functions, and object-oriented programming.

SQL Database Management

Manchester Community College

March 2016 - April 2016

- 6-week introductory course covering relational database management systems and SQL syntax.

Bachelor of Arts, Communications

University of Connecticut, College of Liberal Arts & Sciences

August 2011 - May 2016