



# Jacob Courtney

WEB DEVELOPER

## Details

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## Skills

- JavaScript
- Python
- ReactJS
- VueJS
- HTML
- CSS
- NodeJS
- ExpressJS
- Java
- SQL
- MongoDB
- Scrum/Agile Methodologies

## Profile

As a Junior Developer, I started by developing various small-scale coding projects to build my foundational programming skills, gaining proficiency in JavaScript, Python, and HTML/CSS. I then transitioned into web development, designing and building several web applications using React, and implementing state management to enhance application efficiency and performance.

In addition to personal projects, I created and maintained websites for local small businesses, delivering responsive and user-friendly designs tailored to meet specific client needs. My work environment closely resembled a professional setting, where I collaborated with senior developers and project managers. During this time I developed an understanding of agile methodologies, participating in regular stand-ups, sprint planning, refinements and retrospectives, and utilized version control systems like Git and project management tools such as JIRA.

Throughout this period, I continuously expanded my knowledge and skills through online courses, tutorials, and coding challenges, and actively stay updated with industry trends and technologies. This experience has provided me with a strong foundation in web development and a thorough understanding of agile workflows, preparing me for a professional role in the tech industry.

## Education

### High School, Athens Area High School, Athens, PA

AUGUST 2019 – MAY 2023

- **Advanced Placement (AP) Computer Science Principles:** Completed coursework that provided a solid foundation in computer science concepts, including programming, data analysis, and algorithms.
- **Engineering II:** Engaged in hands-on projects that applied engineering principles to real-world problems. Used C++ to program microcontrollers, gaining practical experience in embedded systems and hardware-software integration.
- Actively participated in the school's computer science club, engaging in coding competitions and collaborative projects.

## Professional Projects

### Forest Hills Chiropractic, Pittsburgh, PA

APRIL 2024 – MAY 2024

Developed a comprehensive website for Forest Hills Chiropractors, aimed at improving their online presence and providing a user-friendly interface for potential and existing clients. The project involved the following key aspects:

- **Front-End Development:** Designed and built the website using React to ensure a responsive and dynamic user interface. Utilized HTML and CSS for layout and styling, ensuring a professional and appealing design.
- **State Management:** Implemented Redux for efficient state management, allowing for seamless user interactions and data flow within the application.
- **User Experience (UX):** Focused on creating an intuitive and easy-to-navigate site structure, enhancing the overall user experience. Implemented features such as appointment booking forms and informational sections about services offered.