Jax Tobyas

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Software / IDEs / Technical Skills

Java, Python, PHP, Kotlin, MySQL, PostgreSQL, MongoDB, WordPress, Adonis, React JS, JavaScript, TypeScript, Node.js, Advanced Operating Systems, Cross-Functional Collaboration

Experience

The Digital Corps at Ball State University

Software Development Specialist

August 2025 – Present

- o Bridged communication between the Development and User Experience teams to ensure clear communication and quality in the project cycle.
- o Completed Junior Project Management training to assist in the understanding of low-level technical discussions for non-technical collaborators.
- o Supported new hires in their training in developing projects for education and for clients.
- o Led and collaborated with peers on building new and existing client projects.

Software Development Apprentice

September 2024 – August 2025

- o Developed applications using WordPress, PHP, React, JavaScript, HTML, and SCSS for clients.
- o Studied in full stack web application development practices through self-guided projects and training modules.
- o Participated in project and code reviews to ensure work quality met standards.

Projects

Charlie's Charter Progressive Web Application

December 2025 – Present

- o Built a progressive web application in React with DynamoDB and Redis for Charlie's Charter under Ball State's Office of Parking Services, allowing drivers to clearly view and access student-submitted ride requests.

College of Fine Arts Student Art Show Showcase

May 2025 – Present

- o Built a WordPress website for Ball State's College of Fine Arts Annual Showcase to allow students to submit artworks and for the jury to review all artworks in an organized dashboard.

Go Fish!

June 2025 – Present

- o Assembled, managed and collaborated with a team to design and build a roguelike game.
- o Used languages such as C# and GDScript within the Godot game engine to build environments and mechanics.

Clear Skies Indy

October 2025

- o Worked with a small team for 36 hours to develop a functional air quality map for the NASA Space Apps Challenge
- o Built a React project that implements air quality data from various NASA-driven databases and displays it on an interactive map.

Education

Ball State University, B.S. in Computer Science (Fall 2023 – Spring 2027) - 3.8 GPA

Major in Computer Science, Minor in Computer and Information Technology

Concentrations: (Cybersecurity and Secure Software Design, Web and Mobile App Development)