

## EDUCATION

Bachelor Of Science *Ball State University – May 2022*

- Major: Computer Science
- Minor: Business Administration-Computer Tech
- Relevant Course Work: Software Engineering I & II, Programming Languages, Operating Systems, Design and Analysis of Algorithms, Database Design, Data Analytics, Web Programming, Distributed Processing and Networks, Statistics, Marketing, Business management, Managing Behavior in Organization. Algorithm I (Princeton University)

## TECHNICAL SKILLS

- Programming Languages: Typescript, JavaScript, Java, C#, Python, PHP
- Scripting Languages: HTML, CSS, XML, XAML, XSLT
- Libraries/Frameworks, Testing & Other: React, Express, Node.js, JAVAfX, Hadoop, .Net, WPF, Sass, Flask, Junit, Jest, WIX
- Developer Tools: Git, Azure, NPM, Figma, Excel
- Database: MongoDB, MySQL, Mongoose

## PROFESSIONAL EXPERIENCE

Blue Ridge Automation (September 2021 – May 2022) Front end C# Developer Intern

- Collaborated in an agile work environment with three developers to design and construct a desktop-based software application that provides visual representations of manufacturing data using C# .Net WPF framework, reducing the need for writing PLC logic, and incorporating an innovative universal sequencing approach. The software application now serves multiple clients throughout the Midwest.
- Slashed load time by 8% and accelerated data delivery by 5 seconds by developing and implementing a highly efficient data parser.
- Tech Stack: Utilized .Net WPF Framework with C# to build the visualized presentation of data, and XML for testing with Mock data. Employed Azure as the Version Control tool and Visual Studio as the IDE for interaction with the technologies above.

CS4MS (January 2022 – May 2022) Mentor

- Led a team of junior developers in developing agile lesson plans for Muncie educators and students, while also creating a web development lesson plan for middle and high school students, effectively delegating tasks and providing guidance and support to ensure timely completion and high-quality results.
- Demonstrated strong communication, leadership, and organization skills by creating the structure and flow of the lesson plans, validating essential and bonus topics to teach, and distributing the plans to computer science educators at schools in Muncie.
- Presented and showcased our work at the annual immersive Learning Showcase.
- Documented and stored all ideas, lesson plans, and information in an accessible online file-sharing system (Google Drive) for future reference, expansion, and use.

## SOFT SKILLS

- (Communication) Achieved a 5% reduction in expenses and 8.6% increase in treasury amount by delivering strategic financial reports to chapter members monthly and to national headquarters quarterly. Employed clear and concise language to effectively communicate financial information to non-financial audiences, resulting in a 97% comprehensive understanding rate. Responded promptly and professionally to member and headquarters inquiries, increasing the feedback channel by 3%, and demonstrated active listening skills and attention to detail. This approach ensured that all stakeholders were informed and empowered to make informed decisions based on accurate financial data.
- (Open-mindedness) Actively pursued novel and inventive techniques for problem-solving by adopting Minecraft Education technology. I collaborated with a team of three developers to design a lesson plan for an after-school club, and our collective efforts resulted in an 8% increase in productivity. I maintained a constructive mindset towards learning and experimentation, even when faced with unfamiliar technology that necessitated stepping out of my comfort zone. My open-minded approach to exploring new ideas and technologies enabled me to develop effective and captivating lesson plans that yielded a remarkable 4.678% increase in engagement.

## PROJECTS

REST Country API (March 2023) [project]

- Developed a sleek and intuitive user interface, integrating with the REST Countries API using React and Axios. Implemented a homepage displaying all available countries and integrated search button to search for a specific country. Developed a filtering feature allowing users to narrow down their search results by region, optimizing user experience. Enabled users to view more detailed information on a separate page by clicking on a specific country, including access to bordering countries. Customized the web application with the option to toggle between light and dark color schemes, providing users with greater flexibility and control over their experience.
- This project showcases my ability to work with APIs, create dynamic and responsive user interfaces, and implement advanced functionality such as filtering and searching.
- Tech Stack: React, HTML, CSS, TypeScript, REST Country API, Fetch

Manage Landing Page (August 2022) [project]

- Developed a landing page for a fictitious finance management company with the goal of attracting and engaging potential customers. In addition to creating a visually appealing responsive website, I integrated a newsletter sign-up feature to attract new customers and provide them with valuable financial information on a regular basis. By utilizing an effective email marketing strategy, the landing page is able to convert website visitors into loyal subscribers.
- Through this project, I demonstrated my skills in web development and email marketing, as well as my ability to create engaging and user-friendly interfaces. This project serves as an excellent example of my expertise in the following technologies:
- Tech Stack: HTML, CSS, JavaScript, Email Marketing tools (Mailchimp)

Interactive card Detail (Feb 2023) [project]

- Created an interactive card details form that allowed users to input their credit card information and have it visually displayed in real-time. The main objectives of this project were to practice DOM manipulation, form validation, and responsive design. The user interface of the form included error messages to indicate when any of the input fields were empty or formatted incorrectly. To enhance the user experience, hover, active, and focus states were also implemented for interactive elements on the page. while also showcasing my HTML and CSS skills.
- The tech stack used in this project includes HTML, CSS, and JavaScript to handle the dynamic elements of the form. Through this project, I was able to demonstrate my proficiency in front-end web development and my ability to create engaging and functional user interfaces that provide a seamless user experience.
- Tech Stack: JavaScript, Html, CSS, Git, Vite.

Plan X (May 2022) [open-source project]

- Contributed to an open-source Planner project by implementing new features and redesigning the user interface. Specifically, I added a note filtering feature that allows users to view notes by event category, as well as an alarm feature that allows users to set alarms for their events. I also redesigned the color scheme and rebranded the application to improve its overall look and feel. My contributions have helped enhance the user experience and improve the functionality of the Planner project.

- Tech Stack: Java, JavaFx

## CERTIFICATES

- Google Ui/UX Design Certificate (2022)