WILLIAM HALL

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FULL STACK WEB DEVELOPER

AREAS OF EMPHASIS: WEB APPLICATION DEVELOPMENT, WEB DESIGN, FRONT END/BACK END

Web Developer and recent graduate of the University of Arizona's Full Stack Web Development Certification program seeking a Full Stack Web Developer position. Extensive experience performing freelance web development utilizing HTML, CSS, and JavaScript and have successfully built highly responsive websites and powerful back end systems. Well-prepared to assist in the design of software solutions, troubleshoot web application bugs, and use markup languages for coding. Strong knowledge of various technologies, including PHP, SQL, JavaScript, jQuery, Git, Node, React, Bootstrap, Bulma, VS Code, WordPress. Dedicated leader with excellent communication skills and a demonstrated ability to identify business and data requirements to develop functional web applications.

AREAS OF EXPERTISE

Web Application Development	Front End/Back End Development	Web Technologies/Web Services
Computer Applications	Software Engineering	JavaScript/jQuery/SQL
Object Oriented Programming OOP	Web Design	HTML5/CSS3/Node.js

EDUCATION & CERTIFICATIONS

UNIVERSITY OF ARIZONA, Tucson, AZ
Full Stack Web Development Certificate, 2020

Relevant Courses
Object Oriented Programming (OOP) | HTML5 | CSS3 | JavaScript | jQuery | Bootstrap |SQL
Mongoose | Git | Node.js | MongoDB | Express | Handlebars & React

UNIVERSITY OF ARIZONA WEB DEVELOPMENT PROJECTS

The Freed Mouse Project, Web Developer   **2020**

- Conducted a client needs analysis to gain an understanding of the client's needs for the website.
- Determined the best language/platform to ensure the client's business objectives were achieved.
- Developed the website.
- Attended weekly meetings to ensure the product was providing expected results.
- Performed daily/weekly database backups, updated plugins as needed, and wrote blog posts to attract traffic to the site.
- Ensured the website assisted those trying to transition back into society.
- Collaborated with the Web Developer and Web Designer to ensure the client was satisfied with the end product.

Collect Crystal Gaming Project, Web Developer   **2020**

- Conducted a client needs analysis for an online game initiative and determined the best language/platform to ensure the client's business objectives were achieved.
- Determined the best images of crystals to use, created the layout for the site, and tested the product to ensure it functioned properly.
- Assisted with the marketing of the game through various online sources.
- Coded the site with JavaScript, HTML, and CSS, Node, Express, and React.
- Collaborated daily with the client, Web Developer, and SEO Specialist to ensure project benchmarks were met.

Giphy Challenge Project, Web Developer   **2020**

- Discovered users' needs for the app and created the app with JavaScript, HTML, and CSS, Node, Express, and React.
- Created a basic site layout, tested the app to ensure it worked properly, and successfully deployed the site on GitHub pages and/or private domain.
- Created pull requests to merge information on different branches.
- Continuously monitored site performance for functionality.
- Added creative flair by allowing users to select favorite subjects within the site to create images.

Famished Project, Web Developer   **2020**

- Discovered users' needs for the app, created the app using Node, Express and React, and launched the website to Heroku and/or Private Domain.
- Created a basic layout, tested the app to ensure proper functionality, and pushed the code to GitHub.
- Created pull requests to merge information on different branches.
- Provided ideas for upgrades, including recipes that users could make at home, and added a features section.
- Assisted with both the front end and back end development and troubleshot the code for errors and bugs.
- Collaborated with team members to determine "Nice to Haves" and "Minimum Viable Product".

PROFESSIONAL EXPERIENCE

CHRISTIAN WEB DEVELOPER, Tucson, AZ   2019 – Present

Web Developer, Owner

- Oversee the daily technical operations and conduct freelance web development utilizing HTML, CSS, JavaScript, Node, React, and Express.
- Perform client needs analyses to identify "Must Haves" versus "Nice to Haves" and review budgets and timelines for completing projects.
- Design and maintain the architecture of the entire code base and the architecture of the database/caching server (MySQL and Redis).
- Conduct daily checks on current projects, including reviewing error logs and pulling client requests; fix bugs, perform optimizations, and add features.
- Perform complete testing of Web applications.
- Design and implement user-driven templates, databases, and interfaces for ease of use.
- Develop database-driven Web interfaces for rapid, real-time information sharing.

TECHNICAL SKILLS

Web Design/Development:	PHP, SQL, HTML, CSS, Photoshop, SEO, JavaScript, jQuery, Git, Node, React, Bootstrap, Bulma, Visual Studio
CMS:	WordPress
Operating Systems:	Windows
Software:	Zen Cart, Openads, BambooInvoice, Open Office, phpList