Josh Haywood
Front-end developer

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Professional summary

Results-driven web development student at Falmouth University passionate about developing user-friendly web applications. Excellent problem-solving skills and ability to perform well individually or in a team. Seeking to help innovative, passionate, companies develop their products as a front-end developer, as well as grow and develop my own skills as a programmer.

Relevant Experience

Front-end Developer for Falmouth University's Kresen Kernow project

April 2022 – July 2022

- Collaborated to the designed and developed a period photography website for a React, Express, Node project, utilising live streaming and historical context.
- Cooperated with team members to ensure client requirements were met, particularly in areas of front-end development and design.
- Participated in client meetings to provide progress updates and gather feedback, showcasing strong communication and attention to detail.

Major Projects

Major web project

- Contributed to the development of a recruiting and collaboration platform, using React, Express, Node and SQL.
- Developed the real-time messaging system, leveraging Socket.IO technology to enable instantaneous communication between users, and designed and implemented the secure encrypted login system, along with other full-stack features.
- Managed weekly scrum meetings with the team to track progress and ensure alignment with project goals, resulting in successful, on time project delivery.

Research and development: Dissertation

- Developed and deployed a full-stack artefact using React, Express, Node and SQL as part of my dissertation research into improving user experience in web applications.
- Completed the project individually from documenting it to developing and integrating it into the dissertation experiment, showcasing strong self-motivation, time management, and problem-solving skills.
- Successfully deployed the artefact on the cloud using Heroku and ClearDB

Web Applications

- Led a team in developing a dynamic React, Express, Node application centred around Esports statistics, allowing users to register their own team and view existing team stats.
- Developed and designed the front-end of multiple pages and forms, incorporating user feedback to iterate and improve the design.
- Organised and led scrum meetings, communicating project progress effectively and fostering a collaborative environment.

Distributed systems

- Executed a research project focused on developing a real-time messaging application using Handlebars, Express and Node. Designed and implemented the user interface, integrating Socket.IO technology to provide seamless live chat functionality.
- Successfully completed the project individually, demonstrating attention to detail, and delivering an innovate solution that addresses the challenged of my research.

Skills

Programming languages: HTML5**,** CSS3**,** JavaScript**,** C#**,** SQL

Libraries and frameworks: React.js, Next.js, SASS, Handlebars, TailwindCSS, TypeScript, NodeJS, ExpressJS, mySQL

Tools and platforms: Heroku, Git, Docker, mySQL workbench, Photoshop, Unity

Education

Web development BSC, Falmouth University

September 2020 –July 2023

Relevant modules completed:

- Cloud computing
- Web applications
- Web technologies
- Digital innovation
- Major web project
- Distributed systems
- Development principles
- Research and development: dissertation