Joseph Batchelor

WEB DEVELOPER

Details

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GitHub

LinkedIn

Portfolio

Skills

React

JavaScript

HTML/CSS

PHP

SQL

Redux

Axios

jQuery

Ajax

Node.js

Express

MySQL

PostgreSQL

MongoDB

REST-API

JSON

SASS

Git

Jest

Figma

🎓 Education

Computer science, University of Brighton

SEPTEMBER 2019 – JULY 2022

Graduated with: **First-Class BSc Honours degree**

Specialised in: Object-Oriented design and architecture, cloud computing, web development, data structures, and algorithms, secure networks and systems, concurrency, and client-server computing.

💼 Employment History

Freelance Developer, Essex Chelmsford

NOVEMBER 2023 – CURRENT

- Developed personalized, responsive websites for clients using **React**, **HTML/CSS**, and **JavaScript ES6**, resulting in high levels of client satisfaction and positive feedback.
- Implemented **agile methodologies**, including **sprint planning** and **daily stand-ups**, to increase project efficiency and ensure the timely delivery of high-quality results.
- Collaborated closely with clients to identify and design optimal solutions that met their needs and delivered visually stunning websites with exceptional user experiences.
- Managed multiple projects simultaneously, prioritizing tasks and delegating responsibilities to ensure the timely and successful completion of all deliverables.

Bartender, Las Iguanas, Brighton

FEBRUARY 2018 – NOVEMBER 2023

- Demonstrated **time management skills** by effectively managing busy shifts and unexpected challenges, resulting in improved overall efficiency.
- Proved **adaptability** and **flexibility**, resulting in faster order completion and improved customer satisfaction through adjusting to changing procedures and menu updates.
- Developed strong **interpersonal skills**, building **positive relationships** with customers and colleagues to ensure a welcoming and enjoyable atmosphere.
- Showcased a strong work ethic, consistently delivering high-quality service and maintaining a clean and organized work environment.

✏️ Software Projects

Fin Flex

GitHub | **Stacks**: HTML/CSS, JavaScript, PHP, Node.js, Express, jQuery, SQL, Jest, Ajax

Created an open banking web application, which allows users to access and manage financial data from multiple banks.

- Developed a **responsive web application** using **HTML/CSS** using an **agile methodology**.
- Engineered a high-performance backend with **Node.js** and **Express**, delivering a scalable and reliable REST API within a **2-week sprint**.
- Implemented **Chart.js** to display API **data visualization** through the use of charts and graphs, providing better clarity to users about their financial data.
- Delivered a user-centric platform that provides a seamless experience for managing financial data, resulting in high levels of user satisfaction.

Sky Cast

Stacks: React, JavaScript, HTML/CSS, Node.js, Express, Axios, PostgreSQL, Jest

Designed a weather-based tracking app to display real-time weather data from a third-party API.

- Integrated the **Axios** library to efficiently fetch real-time weather data from a third-party **API**, ensuring the information remains accurate and up to date.
- Created an **application** that effectively retrieves and manages data within state hooks, providing users with a seamless and interactive experience.
- Utilized **React** to design and implement a **visually appealing**, **responsive** interface that provides a **user-friendly** experience on a range of devices.
- Developed and tested the application using **Jest**, ensuring its functionality and reliability.

Sports Market Application

GitHub | **Stacks**: React, HTML/CSS, JavaScript, Node, Express, Axios, PostgreSQL, Jest, Supertest

Created a dynamic and responsive user interface and a robust backend solution for real-time sports betting market data collection and display.

- Utilized **Axios** to fetch and display real-time sports data from the backend API, improving the user experience with up-to-date information.
- Implemented **Redux** to efficiently manage application state, ensuring smooth data flow and seamless navigation.
- Created a scalable, maintainable, and high-performance Rest-API system design, by adopting the **MVC architecture** for optimized performance.
- Implemented seamless and efficient market data storage and retrieval, by designing a database schema for **PostgreSQL** and **sequelize ORM**, enabling robust historical analysis and reporting.
- Developed automated **unit** and **integration tests** using **Jest** and **Supertest** to ensure the application's functionality and reliability.

🎖 Achievements

Winner of the Second Annual Codefest

I won the second annual codefest in the second-year category. A competitive university event that allowed me to apply my coding skills, and **critical thinking skills**, and complete tasks in a **highly competitive environment.** Tasks included navigating **data structures**, creating a simple weather app for pilots, and an array of **abstract problem-solving**.