



LOCATION
Manchester



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TECHNICAL SKILLS

- UniVerse/Unidata
- JavaScript
- Express.js
- Node.js
- React.js
- Next.js
- MongoDB
- PostgreSQL
- Unix / Linux Systems
- Web Protocols - XML / HTTP / JSON
- Building RESTful APIs
- HTML, CSS
- Agile Software Development
- Tailwind CSS / Daisy UI
- SCSS
- Microsoft Azure DevOps
- Git

SOFT SKILLS

- Creating documentation
- Building customer rapport
- Organisation
- Interpersonal skills/collaboration

JOSHUA RAFTERY

EXPERIENCE

[01/10/2024] – [31/12/2024]

Software Developer • Synergist • Manchester, United Kingdom

Software developer on a fixed term contract working on the front-end with a tech-stack of: JavaScript, HTML, SCSS (CSS).

- Managed and resolved front-end development tasks using Azure DevOps, from ticket assignment to completion, including issue updates and closures.
- Utilized Git integrated with Azure for version control, working on projects with JavaScript, HTML, and SCSS for seamless front-end development.

[03/06/2024] – [30/08/2024]

Full-Stack Web Development Bootcamp • Northcoders • Manchester, United Kingdom

Completed an intensive Full-Stack Web Development course, gaining hands-on experience with modern technologies to build robust, full-stack applications.

- Learned how to pair code and peer review in line with Agile methodologies whilst applying a style of Test Driven Development (TDD) using jest.
- I built a RESTful API for a news site, utilising Express.js to listen for HTTP requests then interacting with a PostgreSQL database to formulate a response. This back-end project also comes equipped with a Jest testing suite with over 100 tests, automated with husky to run on git commit.
- The news site is the front-end counterpart to the API: it offers topic-based article navigation, article posting, and dynamic filtering options. The interface includes thoughtful design elements like day/night mode and suggested articles displaying on wide screens. Accessibility and user experience are prioritized through mobile-first design, optimistic rendering, and robust error handling.
- As a group project we built a Next.js meal planner application. We used mongoDB and Next.js API routing to create a REST API; this worked in tandem with our front-end to deliver a Full-Stack Application. This project was built in accordance with agile, utilising a kanban and holding daily stand-ups.

[10/09/2017] – [01/12/2019]

Junior Software Engineer • Datalex • Manchester, United Kingdom

Software engineer specializing in UniVerse/UniData development.

- Developed custom components based on customer requests, including an automated airline booking tool that processed 20,000 bookings annually, saving administrators an hour per day previously spent on manual processing
- Designed forms for data input / data display using SB Plus which worked in tandem with code.
- Analyzed systems flow, identifying bottlenecks and code inefficiency to investigate performance issues.
- Jira/Confluence reporting/support experience.

EDUCATION

[03/09/2015] – [23/07/2017]

Aquinas College • Manchester, United Kingdom

- Computer Science
- Politics
- Economics

[10/09/2017] – [10/12/2018]

Datalex/Apprentice Academy • Manchester, United Kingdom

- Level 3 Diploma in Business Administration

PERSONAL STATEMENT

I am seeking a Junior Full-Stack Developer position in New Zealand, available to start in January 2025 under a Working Holiday Visa. I bring seniority to a junior role through my previous software engineering experience and I'm eager to apply my skills to contribute commercially. My ambition is to ultimately migrate to New Zealand through visa sponsorship.

REFERENCES

Available upon request.