



LOCATION
Manchester



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TECHNICAL SKILLS

- UniVerse/Unidata - Intermediate
- Javascript - intermediate
- Unix / Linux Systems
- Web Protocols - XML / HTTP / JSON
- Building RESTful APIs
- HTML, CSS
- Agile Software Development
- Express.js
- Node.js
- React.js
- Next.js
- MongoDB
- PostgreSQL
- Tailwind CSS / Daisy UI

SOFT SKILLS

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

JOSHUA RAFTERY

EXPERIENCE

[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 position as a Junior Full-Stack Web Developer, bringing seniority to a junior role through my prior experience as a software engineer. With a solid foundation of popular web frameworks, I am eager to leverage my skills and continue growing within a team.

REFERENCES

Available upon request.