Lewis Mcguire

Full Stack Software Developer

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PROFILE

In my previous career in technical theatre, I wanted to take on new challenges and transfer some of the key skills I developed into a new profession. Now, as a junior software developer with a passion for problem-solving through coding, I am eager to apply my skills and drive to real-world projects that meet high industry standards. I am looking to start my career in the tech industry, where I can contribute to innovative and creative ideas while continually improving as a developer.

Technical Skills

Languages: JavaScript, TypeScript, using Node.js and browsers as environment

Testing: TDD (Test Driven Development), Jest, Supertest, API Testing

Back-end: SQL, PostgreSQL, seeding, migrations

Front-End: HTML, CSS, TailwindCSS, React, Lighthouse and other accessibility tools

Version Control & CI/CD: Git, GitHub, Cloudflare, Supabase, Netlify

Methodologies: Pair Programming, Agile and SCRUM

Projects

News Site([Link](#)) - Developed a Reddit-like news platform with a user-friendly frontend UI, enabling users to search, post, and delete articles and comments. Integrated with a RESTful API backend.
Professional Portfolio([Link](#)) - Designed and developed a portfolio to showcase my work.

Professional Development

Northcoders | Bootcamp in Software Development | September 2024 - November 2024

- Engaged with fast-paced learning with strong support from lecturers, seminar leaders, mentors, and the careers team. A very immersive and rewarding course

- Built solid fundamentals in full-stack JavaScript programming. Taking a close look at using a variety of methods and libraries, whilst embracing functional programming and object-oriented programming

- Drove myself and my student colleagues to become adaptable, work-ready software engineers through the technique of pair programming, encouraging us to learn and grow regularly with new partners regularly

- Cultivated an ethos around Test Driven Development for improved code quality and earlier detection of bugs.

- Completed many different sprints and tasks whilst pair-programming, as well as completing my new site projects on my own.

EXPERIENCE

Listener Volunteer | Samaritans (Voluntary) | September 2022 - Present

- Provide emotional support for callers, offering a safe, confidential, and non-judgmental space to talk

- Listen and helped individuals navigate difficult moments without giving direct advice or personal opinions

Drama Technician | University of Exeter | October 2019 - August 2024

- Spearheaded technical support for drama practice modules in the Communications, Drama, and Film super department

- Taught and led workshops on best practices for deploying and using technical equipment for events and practical assessments

- Served as the main technical liaison for various conferences and cultural festivals such as a Theatre and Performance Research Association (TAPRA) conference

Technical Assistant | University of Exeter | October 2017 - October 2019

- Collaborated with a wide range of staff and students, providing technical guidance and advice for creative projects and events with audiences and participants of over one hundred people

- Implemented, operated, and managed the hiring and tutorials of a wide range of technical equipment for theatre and events, including AV, sound, and lighting

Freelance Event Technician | Solo Trader | August 2017 - Present

- Adapted to working in new environments around the country with unfamiliar equipment and colleagues

- Maintained clear communication leading up to the execution of events, keeping to deadlines and ensuring resources are in place and allocated appropriately

EDUCATION
University of Exeter | BA Honours in Drama | 2014 - 2017 | Grade: 2:1

Hobbies and interests
- **Gaming** - Since I was a teenager I've enjoyed playing strategy video games like Factorio and Paradox Interactive titles, which require critical thinking, long-term planning, and efficient resource management.
- **Running** - I've taken up running for a few years now and improved my fitness enough to have been able to complete various races, on and off-road.
- **Tabletop/Board Games** - I have a big passion for board games. I'll play anything from party games to multiple-hour strategy games, including a bit of Dungeons & Dragons.