Joseph Mosley

Junior Software Developer (Huddersfield/Leeds)

LinkedIn   GitHub

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Personal Statement

I am a hard working and analytically driven person looking to kick start my career by making the exciting move into software development. In my previous role as an acoustic consultant and in my year in industry at a large chemical plant, I had the opportunity to design and implement automated systems for the improvement of working practices. I chose to attend the Northcoders Software Development Bootcamp because I always found this aspect of my work very satisfying and I wanted this to be a key part of the next stage of my career. Attending the course has been eye-opening and has given me the confidence to apply my skills and experience to other sectors.

Technical Skills

Languages: JavaScript, using Node.js and browsers as environment; Visual Basic; Excel; MATLAB; Python
Testing: Test Driven Development (TDD); Jest; Supertest
Back-End: SQL; PSQL; seeding; migrations
Front-End: HTML; CSS; React; React Native; Lighthouse and other accessibility tools
Hosting: Cloudflare; Netlify; Render
Soft skills: Agile and Scrum methodologies; SDL; paired programming; technical communication

Software Projects

Local Price Comparison App – Northcoders Group Project   **JavaScript/React Native/Python**
- Proposed app idea and plan to the rest of the group, using wireframe/component diagrams
- Developed the front end design using React Native and Google Maps API
- Collaborated with back-end team to integrate front-end design with database

Automated Sound Insulation Test System – ADT   **Excel/Visual Basic**
- Created automated system for instantly calculating results from sound insulation tests
- Replaced paper test forms with mobile test forms, reducing time spent on paperwork
- Created a system for sending test data to a database, allowing the data to be used in future design work

Work Experience

Trainee Software Developer - Northcoders   **April 2024 – July 2024**
- Attended intensive 13 week bootcamp learning fundamentals of full stack web development
- Utilised agile and paired programming on multiple projects
- Worked in a team of 5 to create an original mobile app using Python and React Native

Acoustic Consultant - ADT   **December 2019 – April 2024**
- Provided acoustic design guidance and noise impact assessments for new buildings
- Developed in-house design/automation tools (using Excel and Visual Basic)
- Liaised with council officials and developers
- Trained junior staff members and organised noise surveys/sound insulation testing

Education

University of Leeds, School of Mechanical Engineering   **September 2014 – June 2019**
MEng Mechanical Engineering (4 Years) - 1st Class

Greenhead College – Huddersfield   **September 2012 – July 2014**
A Levels - A*AA (Economics, Physics, Maths)