

Mr Lewis Wootton *Junior Full Stack Developer*

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Profile

Currently changing career and deciding to follow my passion for software engineering. This allows me to combine the things i find fulfilling in life, including problem solving, creativity and working as a part of a group. I have now experienced the beauty of working as a part of an agile tech team to create robust solutions to complex problems, the skills i have recently learnt as a part of the School Of Code Bootcamp have really increased the excitement i have to become a part of this industry.

I am an enthusiastic, energetic and hard working professional who is keen to dedicate my working time to a company who can help me grow. Given my vast and varied employment history, i have always needed to learn and adapt quickly, a skill that i am now using to discover the vast world of software engineering. I have found a real interest in full-stack development and backend engineering. This is a direction I would eventually like my career to go in. However I am currently enjoying the challenge of just learning as much as i can to improve my ability and am excited to start working my way up.

I am a highly sociable individual who enjoys being around people and so the School Of Code Bootcamp was immediately a joy to be a part of, being able to work in many project groups and pair program with many peers.

Interests of mine include art and drawing which gives me an outlet for my creativity along with time to relax and think. At the other end of the scale, i also enjoy working out, including jogging and visits to the gym.

Skills

Javascript | HTML5 | Node | CSS | PostgreSQL | REST API | Typescript | React | Next | Express | Auth0 | Cypress | Jest | Supertest | C# | WPF | ASP.NET Web API | Trello | Figma | Git/Github | XAML | WinForms

Professional Experience

2022/09 – 2023/02

Junior Full Stack Software Engineer

School Of Code

- An intensive 16 week bootcamp, learning a variety of technologies to help me begin my career as a Full Stack Developer.
- Throughout the entire bootcamp I was either pair programming or working as a part of a team using the Agile methodology. I was often helping to explain concepts to others, given my previous exposure to programming. This helped to cement concepts in my own mind.
- Every week we created a piece of software using the new topics learnt and would present our project to the wider group, explaining things that we learnt as well as issues encountered.
- Having the opportunity to discuss new ideas, working together to plan projects and be creative. This experience really helped to increase my confidence speaking about code.
- Learnt how to problem solve in a new way, using a concise, computational and methodical approach I have developed a strong understanding of how to debug a codebase.
- Use of Git and Github as a method of version control, learning best practices of branching and merging safely as well as how to integrate CI/CD pipelines with Github Actions.
- Followed Test Driven Development ideology when developing web-applications, gaining an in-depth understanding of unit, integration and E2E testing.

Project: School Of Code Across The Globe - Learning Platform

School Of Code

- A one-week project developed with 4 other bootcampers with a brief to create an application which would help future bootcampers with their learning experience.
- This was our first chance to put our Agile mindset to the test, really focussing on teamwork, with a strong manifesto of how we would achieve our goals in a pleasant and collaborative learning environment.

- We created a structure we would follow daily, close to the Scrum method used by professionals including daily morning/midday stand-ups, short sprints and retros.
- We underwent a vigorous planning stage, nailing down what we wanted to achieve as our MVP and what progress we needed to aim for in each sprint using Trello for the individual tasks.
- We used Figma to create our high fidelity/low fidelity wireframes, implimenting all we had learnt about UI/UX and accessibility.
- We conducted some user research from our pool of students to guage whether we had a worthwhile idea.
- Designed our data structure using an Entity Relationship Diagram.
- Conducted rudimentary unit and E2E tests and included these in a CI/CD pipeline as soon as possible to help keep the codebase functional at all times.
- We achieved so much and progressed so well as a team that we became the sole team that managed to have our application fully deployed by the end of the week.

2021/10 – 2022/09

Self-Taught Self-Initiated C# Studies

Utilising Various Resources

- Began studies after completing a more generalised IT course and rediscovering my love for coding.
- I learnt from online tutorials to begin with before buying a variety of books throughout the year, all centered around the C# language.
- I gained a solid understanding of the fundamentals of programming along with the logic behind Object Oriented Programming.
- Although lacking any structure to my learning, i did my best to understand which technologies i should be learning after i had learnt the fundamentals and created a multitude of console applications, each time learning another aspect of the language.
- Learnt how to store, manipulate and retrieve data from text files, learning the basics around this before moving on to more sophisticated means of data storage.
- Once i began making applications using WPF and WinForms, i learnt about SQL Server and became quite proficient creating and accessing data from databases.
- I gained a fundamental understanding of Entity Framework and how to use this to create CRUD applications.
- I began to learn about ASP.NET and how to use this to create web-applications.

2010/01 – 2022/08
uk

Industrial Roofing, Building, Bricklaying

Various Companies or Self Employed

- During this time I was in constant employment, always working various trade jobs.
- I learned how to be a good team player, how to work together and help each other through difficult tasks.
- Needing to be dependable and not let your team down.
- Dedication to the project and to have a genuine interest and care for your task and to have pride in your work.
- I learnt how to calm situations down and how conflict can be resolved.
- This is where i gained a lot of my soft skills, communication, teamwork,
- In general this time just helped me to grow as a person and become a well rounded individual.

Education

2007/09 – 2008/09
St.Austell

A/S-level

St.Austell College

BBC (Law, Computer Programming, Business Studies)

Bodmin, UK

GCSE's

Bodmin Community College

3 x Grade B & 7 x Grade C