ETHAN MATTISON

SOFTWARE DEVELOPER

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PERSONAL PROFILE

As a recent graduate of Newcastle University with a first-class honours degree in computer science and multiple years of experience in front-end and back-end web development, I am looking for a challenging role where I can expand my programming skills and contribute to exciting and innovative software projects.

Throughout my career, I have actively contributed to creating user-friendly and functional websites, showcasing my hands-on approach to development. I have a proven ability to meet project deadlines, collaborate with teams of other developers and quickly adapt to evolving project requirements.

SKILLS & ATTRIBUTES

- HTML & CSS
- Python (Flask)
- JavaScript (React/Vue)
- Working in a team
- Version Control (Git)
- Effective time management
- PHP (CodeIgniter/Laravel)
- Databases (MySQL)
- CMS (WordPress)

EXPERIENCE

Apprentice / Junior Web Developer   Sep 2018 - Sep 2020

Drummond Central

Outline

Some of the core skills I developed at Drummond were primarily front-end programming for websites, back-end programming (integrating sites into content management systems), and communication skills with colleagues and clients to help achieve a project vision for clients.

Whilst working at Drummond I also studied for and completed, BCS Level 3 apprenticeship qualifications in Software Development & Programming.

Key Responsibilities

- Transformed website designs into functioning front-end using HTML, CSS, and JavaScript.
- Communicated with clients on website aesthetics and functionality to update projects to their desired outcomes.
- Integrated sites into CMS (Umbraco, WordPress) and filling websites with content.
- Addressed issues and bugs in code written by other developers.

Key Achievements

- Visit Northumberland Site: Created this site with a team of other developers. Contributed heavily to front-end and delivered a large-scale tourism site.
- Alnwick Town FC Site: Built a fully functioning blog website for a local football team. All the programming was produced by me from the back end (Umbraco) to the front end as well as design.
- Newcastle College Site: Fixed recurring problems and changed constantly changing updates on the already developed site to help deliver client needs. Helped reinforce skills in taking on code from another developer and the challenges that can create.

Web Development Internship   Jul 2022 – Sep 2022

Lazy Grace

Outline

I completed a web development internship during the summer between my second and third year of university where I developed numerous websites for different clients. Some of the skills I had developed previously were built upon during this internship such as front-end web development skills such as HTML and CSS as well as new skills I was allowed to gain such as more backend skills with PHP.

Key Responsibilities

- Built websites from designs on Adobe XD and turned them into full-functioning sites doing both front and back-end development with HTML, CSS, JavaScript, and PHP.
- Renovated old PHP sites to use CodeIgniter and newer front-end libraries.

Key Achievements

- Coquet Books Site: I did full stack development of this website providing a fully functioning e-commerce site.
- Created a form builder app for a boiler company using PHP. Communicated with clients to create optimal software for the client's needs.

EDUCATION

BSc Computer Science (First-Class Honours)   Jul 2023

Newcastle University

- Used data visualisation and analytical techniques with Python libraries to investigate the variability of railway data.
- I built a fully functioning website with software security paradigms using Python (Flask).
- I worked with a team to create a multifunctioning website with a login system (HTML, CSS, JavaScript).

BCS Level 3 Certification   Sep 2018 – Sep 2020

Baltic Apprenticeships

- This qualification I had achieved while working at Drummond Central which included software development context methodologies and programming.
- I created numerous projects including using databases (MongoDB) for web projects, creating a game using JS and designing websites using Adobe XD.

GCSEs   Jul 2018

Duchess Community High School

Mathematics (7), IT (B), Geography (6), History (6), Biology (6), Chemistry (6), Physics (6), Electronics (B), English Literature (5), English Language (5).

INTERESTS

SOUNDS | I consume a wide variety of music and have a growing vinyl collection, but my experience of live performances has inspired me to teach myself guitar, which is a difficult yet rewarding challenge.

THE BEAUTIFUL GAMES | I'm an avid football fan and supporter of Newcastle United, and love to attend home games whenever I can. I like to play 5-a-side, but equally happy to escape with a chess match.

DEVELOPMENT | Since graduating I have continued to learn and develop my understanding of programming and am currently educating myself in areas such as React and .NET to create useful or entertaining applications that align with my interests.