

# ETHAN MATTISON

## SOFTWARE DEVELOPER

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### PERSONAL PROFILE

As a first-class Computer Science graduate from Newcastle University with hands-on experience in front-end and back-end development, I thrive in dynamic environments where I can apply my technical skills to solve complex challenges. I have a proven track record of delivering user-centric websites and applications using a variety of modern technologies, including HTML, CSS, JavaScript (React/Vue), and PHP.

My strong communication skills and adaptability allow me to collaborate effectively within diverse teams and respond swiftly to evolving project needs. I am eager to contribute to innovative software projects and continue expanding my expertise in web development.

### 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

**Lynchpin Media - Web Designer** May 2024 – Present

#### Outline

While working for Lynchpin Media, I have developed skills in the design aspects of web development, which has enhanced my understanding of the full scope of web design and development. Although my focus has been on design, I have also contributed to front-end and some back-end development for company websites, as well as creating web mailers using my front-end skills.

#### Key Responsibilities

- Designed and created new company newsletter templates to be sent out to thousands of readers.
- Collaborated with cross-functional teams (marketing, content creation) to ensure website designs aligned with company branding and marketing goals.
- Ensured optimal performance and maintenance of current websites (WordPress), as well as helped in the design and creation of new sites.

#### Key Achievements

- Successfully increased newsletter engagement rates by 5% after template redesigns.
- Led the streamlining of the web design process, reducing production times significantly.

**Lazy Grace - Web Development Internship / Freelance Work** Jul 2022 – Sep 2022 / Sep 2023 - Jan 2024

#### Outline

During my internship at Lazy Grace, I developed and enhanced websites for a range of clients and focused on front-end development while also expanding into back-end programming using PHP with CodeIgniter. After completing my degree, I was invited back as a freelance developer, where I independently handled projects and delivered customised solutions that leveraged technologies like PHP, HTML, CSS, and JavaScript.

### *Key Responsibilities*

- Developed websites from Adobe XD designs, managing both front and back-end tasks.
- Modernised legacy PHP sites by integrating CodeIgniter and updated 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 custom form builder app for a boiler company using PHP, improving client workflows.

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## **Drummond Central - Apprentice / Junior Web Developer**

Sep 2018 - Sep 2020

### *Outline*

At Drummond Central, I contributed to front-end and back-end development, integrating websites into content management systems, and collaborating with clients and colleagues to achieve successful project outcomes.

### *Key Responsibilities*

- Developed functioning websites from designs using HTML, CSS, and JavaScript.
- Communicated with clients to refine website aesthetics and functionality.
- Integrated sites into CMS (Umbraco, WordPress), maintaining and updating content.

### *Key Achievements*

- Visit Northumberland Site: Led front-end development for a large-scale tourism site.
- Alnwick Town FC Site: Built a full-stack blog website for a local football team, managing both design and development.

## **EDUCATION**

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### **Newcastle University - BSc Computer Science (First-Class Honours)**

Sep 2020 - Jul 2023

- Applied data visualisation and analytical techniques with Python libraries to investigate railway data variability.
- Developed a secure web app using Python (Flask), incorporating industry-standard security and MySQL integration.
- Collaborated with a team to create a multifunctioning website with a login system and carbon footprint calculator.

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### **Baltic Apprenticeships - BCS Level 3 Certification**

Sep 2018 – Sep 2020

- Completed certification at Drummond Central, focusing on software development methodologies and programming.
- Built projects utilising MongoDB databases, programmed a JavaScript game, and designed websites using Adobe XD.

## **INTERESTS**

**MUSIC** | 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.

**FOOTBALL** | I'm a lifelong Newcastle United fan and enjoy attending games whenever I can. I also love playing 5-a-side on the weekends.

**DEVELOPMENT** | Since graduating, I have continued to learn and develop my understanding of programming and am currently educating myself in areas such as React to create useful or entertaining applications that align with my interests. See my Portfolio Website made with React JS [here](#).