Martin Alexander

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Education

BSc (Hons) Web and Mobile Development (2023 – TBC)

BSc Web and Mobile Development (2022 – 2023)

HND Web Development (2019 **-** 2020)

HNC Digital Design and Web Development (2018 -2019)

Higher Computing Science (2017 - 2018)

Summary

I'm currently undertaking my fourth year of Web & Mobile Development at UWS Paisley and graduated from City of Glasgow College in June 2020 with an HND in Digital Design and Web Development.

Between graduating college and starting university I was employed by Reshape HR (previously HR with EA) for 6 months as a Web Design & Development Assistant, in which I helped with rebuilding their WordPress.org website to coincide with the company rebranding.

I'm a talented, highly motivated, hard-working individual with a pleasant personality and attributes which would be invaluable to any workplace namely, flexibility, excellent communication, punctuality, and the drive to work well both on my own and in a team.

I can work unsupervised, and I am observant with a good eye for detail. I can follow both written and spoken instructions with ease. I am a people centric individual who is ambitious and adaptable, constantly aiming to exceed expectations.

I have successfully completed both the AWS re/Start Program and AWS Cloud Practitioner exam, through which I gained experience in Core IT skills such as Linux, Python Programming, Databases, Networking and Security. I've also gained knowledge on core AWS services such as Elastic Cloud Compute (EC2), Simple Storage (S3), AWS Lambda and AWS CloudWatch.

Skill Highlights

- HTML5 and CSS

- Version Control (Git and GitHub)

- JavaScript, C#, PHP, Java

- Figma and Adobe XD

- MySQL, MariaDB, SQLite

- WordPress.org

- React, React Native and jQuery.

- Laravel, ASP.NET, Next.js and Remix.

Academic Experience

- Solid understanding of Object Orientated Programming and foundational website development technologies and concepts (HTML, CSS, JavaScript and MVC architecture)

- An understanding of Progressive (PWAs), Single Page (SPAs) and Native Applications.

- Experience developing Web Applications using various web frameworks such as Laravel with MariaDB, ASP.NET Core with Entity Framework and LINQ to query and manipulate data from an SQLite database, alongside React.js library frameworks such as Next.js and Remix with MongoDB.

- Experience developing Dynamic Data-driven Web Application using the MERN solution stack.

- Knowledge of MySQL and Microsoft SQL Server DBMS.

- Designing and implementing secure database systems that present appropriate interfaces to user groups/application programs accessing the database

- Working witihin a 4 person group to Java to build a 2D Space Invaders inspired android app using Android Studio and Java.

- Understanding of data driven web and mobile applications.

- An understanding of how server-side activity interacts with client-side activity through HyperText Transfer Protocol requests and responses.

- Ability to construct HTTP requests and interpret HTTP responses using PuTTY & curl.

- An understanding of how to install and run a LAMP stack on an AWS Ubuntu VM using, as well as access it through SSH.

- Experience using the Linux OS.

- Designing UI/UX wireframes and high-fidelity prototypes using Figma.

Work Experience

Reshape HR Limited (Formerly HR with EA Limited) July 2021 – January 2022 (Fixed-term employment) | Web Design & Development Assistant

- Complete overhaul of the *HR with EA* website onto a new to coincide with the rebranding of the Company to *Reshape HR Limited*

- Researching, installing and configuring WordPress plugins to manage website performance

- General day-to-day management of the Reshape HR's website

- Evaluating and updating website content

- Updating CSS styling to improve site UX

- General office duties and providing general administrative support e.g. contacting hosting, theme or plugin support services where and as required

- Updating the Terms and Conditions and Privacy Policy for Reshape HR

- Analyising and reviewing website related costs such as Hosting and advising the business the best