



## **Shane Muirhead**

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### **Personal Profile**

I see myself as a well-motivated and energetic individual who possesses good interpersonal skills and the ability to communicate effectively within an organisation. I can participate effectively within a team and use my own initiative when required. I consider myself to be a desirable asset to any technical environment with having the ability as a quick learner and having the technical mind that I do, I am very flexible and enjoy taking on all challenges of meeting deadlines and targets set. I like to motivate others and consider myself to be a very helpful person.

Highly focused on software development and the modern web. Organised and methodical with a keen eye for detail resulting in solid clean code and robust software applications developed to the latest standards for the modern web.

### **Experience**

#### **Data Analyst – Major Projects**

##### **Northern Gas Networks | 2017 – Present**

Data Analyst for the Network Innovation Competition (NIC) here at Northern Gas Networks, maintaining data from 12 major gas sites across the network. Taking data readings from gas sites, exporting readings from our SCADA system and maintaining our internal API that feeds data from site and put through an algorithm for calculating pre-heater system efficiency. Ensuring data accuracy from the API to our external company website. Developing data visualizations onto the website to provide stakeholders and other networks to be capable of data driven decisions. Delivering monthly MI and KPI's to director level within the organisation.

<https://www.northerngasnetworks.co.uk/ngn-you/the-future/preheating/>

#### **Freelance Web Developer**

##### **2018 – Present**

Using the latest technologies to create scalable responsive apps for the world wide web. Using tech such as HTML5, CSS3/SCSS, JavaScript, jQuery, API's, AJAX, Bootstrap, MongoDB, MySQL, Git, Python, Flask, Django to create digital applications for small businesses or start ups around my area. Exposure to DevOps, maintaining Apache servers and setting up SSL, sequel and document-based databases, PHP platforms, WordPress sites, web-hosting and e-commerce stores. Past backend experience is LAMP.

<https://www.facebook.com/SMDigitalDesigns/>

<https://shanemuirhead.co.uk/>

#### **Trainee IT Technician**

##### **Zenos IT Academy | 2011 – 2012**

At Zenos I was responsible for maintaining IT hardware and software. This included updating operating systems, adding security to workstations and troubleshooting IT based problems. I also provided customer support which included responding to customer e-mails and dealing with complaints. I also knew how to dismantle a computer system and do necessary upgrades to improve performance and efficiency.

## **Qualifications / Achievements**

### **Full Stack Software Developer**

Code Institute is dedicated to bridging the tech skills gap, and the productivity gap between developers and non-technical professionals. Technology has permeated every industry creating a surge for technically skilled staff. With this in mind, we developed our innovative Diploma in Tech Fundamentals course to complement our Diploma in Software Development. Our goal is to not only produce career-ready software developers but to train people to work efficiently with developers. We are dedicated to creating a global standard for technical education.

*HND – Diploma in Software Development*

### **Slack channel Lead**

Using slack as a collaboration and support resource on the course, I was appointed to be module 1 HTML/CSS slack channel lead. This involved hosting weekly conference calls within Slack to assist fellow students in any area around module 1. Each week I demonstrated key skills needed in order to equip students with the right material and confidence to progress through the course and to answer any unanswered questions within the channel.

### **IT Technician:**

- Level 3 Diploma in ICT Professional Competence
- Level 3 Diploma in ICT Systems and Principles
- Level 2 Key Skills Communication
- Level 2 Key Skills Application of Number
- Microsoft Certified IT Professional (MCITP) -
- Enterprise Desktop Support Technician 7, consisting of:
- Microsoft Certified Technology Specialist (MCTS)
- 70-680 – Windows 7, Configuring.
- Microsoft Certified IT Professional (MCITP)
- 70-685 – Enterprise Desktop Support Technician.
- CompTIA A+ IT Technician (220-701 and 220-702)
- Microsoft Technology Associate (MTA): Networking Fundamentals (98-366)
- Level 2 Award in Employability and Personal Development

## **Castleford Sport and Technology College**

**2005 – 2010**

<b>Subject:</b>	<b>Grade:</b>	<b>Level:</b>
Diploma in Digital Application	PPMP	Level 2 Diploma in ICT
Media Studies	C	GCSE
English	C	GCSE
Maths	C	GCSE
Electronics	C	GCSE
BTEC Science	MMMM	BTEC

## **Hobbies and Interests**

I spend a lot of my time in the gym and keeping healthy, I like to keep busy and be as productive as possible throughout the day. When I'm not learning new technologies or to play the piano, I work freelance as a full stack developer designing, developing and maintaining websites and software for clients. I have a keen interest in software and application development, automation, AI and how technology is going to advance the future. I love spending time with my family.

**Reference's available upon request. Full Career history available upon request.**