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# Calum Woodward

## Full-Stack Developer & Certified Scrum Master

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[cwoodwarduk.github.io](https://cwoodwarduk.github.io)

I am a constantly-evolving full-stack developer, a voracious learner, and a certified Agile Scrum Master with a strong understanding of programming fundamentals, a knack for learning and understanding the structure of languages - human or computer - and looking to make the next great stride in my career.

In my current role, we use a LAMP stack on AWS and follow microservice architecture, to deliver features and maintenance of a CMS platform and associated websites. I also have experience working in an Agile (Scrum) team - check out my portfolio to see some of my personal and team projects: [cwoodwarduk.github.io](https://cwoodwarduk.github.io)

In my free time I enjoy learning languages (Korean being my second language), cycling outrageous distances for coffee and cake, making rice wine, and trying not to make dad-jokes.

## EXPERIENCE

### **Systems Developer** - *Mosaic Digital Consultants*

JAN 2020 - PRESENT

I am responsible for a CMS platform in PHP (CodeIgniter) and its associated websites for Virgin Care and BaNES Council. Features I have built include a tool for clients to edit their own website content by altering the websites to allow for dynamic population of every webpage and component, using JavaScript. I also help maintain a CMS for schools, contributing features such as a relationship data visualisation tool. This involved building a node tree search in Laravel.

### **Language Teacher** - *various*

JUN 2012 - JUN 2019

From 2012 to 2019 I taught English as a foreign language. Six of those years were in South Korea, which allowed me to learn a complex second language and writing system as well as experiencing life in a different country. During this time I taught in large corporations, state schools, and specialised language schools.

My responsibilities varied from teaching business English (including how to negotiate, give presentations, and mentor), delivering qualifications in English language proficiency, developing curricula, delivering content in both English and Korean, and hiring, training and mentoring teachers at a private school franchise.

My final language role was in 2019 at Advance in Spain, where I developed my own curriculum and taught courses aimed at Cambridge qualifications in English language proficiency.

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## PROJECTS

### **CMS and associated websites / ROVa platform for Virgin Care + BaNES Council**

<https://wellbeingcollegebanes.co.uk> // <https://wellbeingoptions.co.uk> // <https://volunteerpas.org.uk>

Working on a legacy codebase, I am responsible for the building of new features, bug fixes and other maintenance for both the ROVa CMS, and its associated websites, that run the volunteering services of the BaNES and West Wiltshire regions. The platform is built in PHP (CodeIgniter/Laravel), JavaScript (vanilla and JQuery), MySQL, AWS, microservice architecture.

### **Recipe Finder App / GRUB**

<http://bit.ly/CWGrubGithub>

Using PHP, MySQL and the Recipe Puppy API, my scrum team built a recipe finder app in OOP using a hydrator design pattern and namespaces to maximise separation of concern. We also carried out unit testing on the entire project.

### **JavaScript Game / Gecko Match**

<http://bit.ly/CWGeckosGithub>

From scratch our team created a clickable card-matching game, based on the theme of geckos, our team name. For this we utilised JavaScript to flip the cards, to calculate whether or not the cards matched, and to keep score. Play it live here: <http://bit.ly/CWGeckos>

## EDUCATION

### **Full-Stack Programming Course - *Mayden Academy***

AUG - DEC 2019

A four-month intensive course covering HTML, CSS, JavaScript, PHP, and databases (MySQL and MongoDB). Frameworks included Slim, Node.js, Express and React. Covered coding principles such as Object-Oriented Programming, REST APIs, SOLID and DRY; as well as best practice such as version control with Git, code review standards, Agile workflow, design patterns and antipatterns, testing using PHPUnit, and using continuous integration servers such as CircleCI.

### **Certified Scrum Master (CSM) - *Scrum Alliance***

AUG 2019

Training from Agilify, with certification issued by the Scrum Alliance.

### **PGCE (Post-Compulsory Education) - *Cardiff University***

SEP 2010 - JUN 2012

Graduated with a 1st for this teaching certification. Taught courses in archaeology at Cardiff University and Essential Skills Wales training to three centres in the greater Cardiff area.

### **BA (Hons) Archaeology - *University of Wales***

SEP 2007 - JUN 2010

Graduated with a 2:1, also having spent a year as Entertainments Manager of the student union, Social Secretary of the men's field hockey team, and participated in an overseas research project in Cyprus. I studied modules in web design in my first year.