

**SPENCER BARRIBALL**

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## **PROFILE**

An experienced, resourceful individual who is highly motivated, conscientious and reliable, accustomed to meeting targets within time, cost and exacting standards in a wide variety of roles. My experience, training and education within computer science and running my own businesses show my ability to learn quickly to a high standard over a broad range of technologies.

## **KEY SKILLS**

- Adaptable and flexible - ability to cope with changing priorities and different working environments.
- Reliable, conscientious with a cheerful disposition.
- Meticulous, able to persevere at a problem to its conclusion.
- A keen, enthusiastic and competent team player.
- Commercially aware.

## **TECHNICAL SKILLS**

- Languages: Python / C# / Java / PHP / Javascript / d3 / React / Vue
- Database: Postgres / MySQL / MS SQL / MongoDB
- CMS and Frameworks: Geoserver / Openlayers / Bootstrap / Flask / Django / DRF
- AWS: S3, Lambda, API Gateway, IAM, EC2, awscli
- IDE: PyCharm, WebStorm, IntelliJ IDEA , Visual Studio, Eclipse
- Version Control: Git / GitHub

## **HIGHER EDUCATION AND TRAINING**

**BSc (Hons) Computer Science:** Final Grade 2:1 (University of East Anglia) **2004 – 2007**

**Diploma - Full Stack Web Development:**

First Class Honours (Code Institute) accredited by Edinburgh Napier University **3/2018-12/2018**

## **CAREER EXPERIENCE**

**Django Developer / Manager Grade – PwC**

**11/2019-Present.**

- Using Python, Django, Django Rest Framework, Unit tests, Selenium and Cucumber.

**Senior Software Engineer – Kainos** **04/2019-10/2019**

- Building government apps for exporters and government users for the Department of International Trade to allow exporters to apply for exporter licences.
- Using Python, Django, Django Rest Framework, Unit tests, Selenium and Cucumber.
- Using Circle CI, Jenkins, and Github.
- Working in Agile methodology with Scrum.

**Code Mentor – Code Institute** **01/2019-Present**

- Mentoring students through the Full Stack Course.
- Developing student into a coder and helping with employment.
- Python, Django, Flask, MongoDB, JS and the usual front-end suite of languages.

**Senior Developer – Spatialest Ltd** **05/2018-04/2019**

- Building GIS Apps using React, PHP, Postgres, Geoserver and Openlayers.
- Moving legacy systems to Amazon AWS cloud.
- Creating architecture within AWS and building API Gateways, Lambda functions in Python, S3 buckets with IAM (Identity and Access Management).
- Use AWSCLI for company and client backups onto S3 buckets.

**Full Stack Web Developer - Freelance Web Development** **06/2016-05/2018**

- Building and maintaining client Websites.
- Being the main carer ensuring health and social well-being for disabled son. Maintaining care plan and assisting with his transition into supported living and residential care (completed in February 2018).

**PetStay Norfolk - Owner** **05/2014-05/2016**

- Start-up company, advertising and building to successful business.
- Marketing to prospective customers.
- Interviewing dog carers and organising contracts.
- Sold successful business and relocated.

**Freelance Developer – Spiderspun Ltd** **03/2011- 2016**

- Coding Websites and databases.
- Managing marketing campaigns.
- Liaising with clients and managing expectations.

**Web Developer / Learning Management System Builder - Oilennium Ltd** **04/2010-02/2011**

- Requirements gathering and writing a specification for CRM.
- C# / ASP.NET 4 / AJAX / MS SQL.
- Did SEO - Google page 1 for a number of relevant search terms (increased visitor numbers 7 fold).

**Freelance Web Developer – Various Clients** **2007–04/2010**

**CRM Consultant for Specialised Management Services (SMS) Ltd:** **06/2006 – 09/2006**

**Self Employed Electrician** **1993 - 2004**

**Indentured Apprenticeship in Telecommunications with MOD(N).** **1988 – 1992**