Stuart McMath

I am an IT consultant with more than 25 years industry experience within the banking, finance, government, media and leisure sectors. Having spent time with large multi-nationals and small consultancy groups, in addition to a period of freelancing, I have participated in all sizes of projects and encountered many technologies and methods. In recent years I have been focusing mainly on web-development.

Skills Summary

- 10 years+ website development with Drupal, all versions from 6 to 10,
  PHP / HTML / CSS / JavaScript / JQuery / Git / CI/CD / Jenkins / SASS / Configuration Synchronisation;

- Designing and implementing comprehensive Test Strategy and Quality & Audit techniques and processes;

- Test Management & Automation tools (Selenium, HP Quality Center, WinRunner / QTP / LoadRunner / Test Director, Rational SQA TeamTest / Robot);

- Technical Project Management, Development and Test Team Management with RAD and Agile processes, using JIRA, GitHub and Zenhub; I have also been a scrum-master on many projects;

Client List

The Planning Inspectorate	Bristol, UK	Oct'23 - Dec'23	Senior Web Developer
Mist Systems Ltd	UK & France	Nov'21 - Sep'23	Senior Web Developer
London Stock Exchange (via GFT Technologies)	UK & France	May'21 - Aug'21	Senior Web Developer
Earthvolt Ltd	UK & France	Nov'20 - Apr'21	Developer/Technical Project Manager
		Oct'18 – Oct'20	*Time out to care for terminally ill partner.*
TES Global Ltd	London, UK	Nov'17 – Oct'18	Senior Web Developer
Matter of Form Ltd	London, UK	Feb'16 – Nov'17	Web Developer
Flight Centre (UK) Ltd	London, UK	Mar'15 - Jul'15	Web Developer
Digital Life Sciences Ltd	London, UK	Jun'11 - Jan'15	Developer/Technical Project Manager
Tarsus Group Ltd	London, UK	Feb'10 – Oct'10	Dev/Test Manager
Mist Systems Ltd	France	Jan'09 – Jan'10	Web Developer
eSeekers Ltd	Oxford, UK	Jul'06 – Dec'08	QA/Test Manager
Pragma Gaming Ltd	Cheshire, UK	Aug'05 – May'06	Lead Architect
Mist Systems Ltd	Manchester, UK	Nov'04 – Aug'05	Web Developer
Global Capital Group	London, UK	Nov'03 – Nov'04	Web Developer
API Group PLC	Cheshire, UK	Mar'03 – Nov'03	Web Developer
Betabet PLC	Milton Keynes, UK	Mar'00 – Jan'03	Dev/Test Manager
JP Morgan	London, UK	Jun'99 – Mar'00	QA/Tester/Team Leader
I.S. Integration	Preston, UK	Jan'99 – Apr'99	QA/Test/Instructor
Bank of Scotland	Glasgow, UK	Sep'98 – Nov'98	Test Analyst
Barclays Bank PLC	Knutsford, UK	Dec'97 – Sep'98	Dev/Test Manager
Dresdner Kleinwort Benson	London, UK	Aug'97 – Nov'97	Business Analyst
Deutsche Morgan Grenfell	London, UK	Jun'97 – Aug'97	Test Analyst
Pontis Consulting	Manchester, UK	Nov'93 – Jun'97	Test Strategy Consultant
NatWest Home Loans	London, UK	Nov'92 – Nov'93	Analyst/Programmer
Lloyds TSB Bank PLC	Manchester, UK	Sep'90 – Oct'92	Analyst/Programmer
Unisys Ltd (Burroughs Ltd)	Manchester, UK	Jun'88 – Sep'90	Analyst/Programmer

Clients

The Planning Inspectorate (UK Gov)
Bristol, UK
Sep'23 – Dec'23
Senior Web Developer

Drupal version 10 development on internal Knowledge Library migration project from OpenText Content Server to Drupal. My focus was the design, build and implementation of the data migration process, also involving SQL Server stored procedures and functions development, and Drupal custom module code development. The Drupal work included the development of Event Subscribers and Access plugins amongst other components such as custom forms, views and a custom add-on to the Feeds and Tamper projects for handling hierarchical taxonomy vocabularies during the migration process.

Mist Systems Ltd
UK and France
Nov'21 – Sep'23
Senior Web Developer

Drupal version 8 and 9 development, plus six different websites all migrated to version 10.

https://www.beermonitor.co.uk/	Originally a Drupal 8 development involving heavy customisation of the Feeds module and extensions to Views filters. Also incorporates generation of printable QR codes, and the scanning and processing of real-time updates via QR codes. Lately I conducted an upgrade to Drupal version 9 and a further upgrade to Drupal version 10 has been completed, involving modification of custom module code.

London Stock Exchange Group (GFT Technologies)
UK and France
May'21 – Aug'21
Senior Web Developer

I worked solely on GFT's client, the **London Stock Exchange Group** (LSEG), specialising on their main public-facing websites, both Drupal 8 and 7 development.

https://www.londonstockexchange.com/	Drupal 8 development front-ended by Angular JS, incorporating a REST API later and integrated with many anciliary systems including Java applets, custom APIs to other LSEG systems and data feeds. Included significant custom module development, and a heavily modularised back-end content management approach.
https://www.lseg.com/	Drupal 7 development, I did some work on general site maintenance and bug-fixing.

Earthvolt Ltd
UK and France
Nov'20 – Present
Developer / Technical Project Manager

Earthvolt is a website which promotes alternative energy. I am a director of the company along with three other partners. I have sole responsibility for all the web development areas. The site has not launched yet.

http://ev.mistsystems.co.uk (dev)	Drupal 9 development integrated with Google Ad Manager, AdSense, Google Maps, Mailchimp, with code management via GitHub, and deployments underpinned with Drupal's Configuration Synchronisation. Includes custom module development, TWIG templating, SASS, and a custom theme based on Bootstrap. Also integrates with the Zoom video conferencing APIs.

TES Global Ltd
UK and France
Nov'17 – Oct'18
Senior Web Developer

TES provide services to the education industry and professionals. Within TES I worked for the THE (Times Higher Education) division which focuses on Universities and produces the World University Rankings.

I was a remote-based team leader of a small team of four (all remote) covering front-end and back-end development in D8 and D7. I focused mostly on back-end development. This was a continuous integration environment, with a

strong framework of process and control implemented with tools such as platform.sh, Jenkins, Git, Github and Zenhub, and with code review and coding-standards to the fore.

https://www.timeshighereducation.com	This is the main THE website, a Drupal 7 and Drupal Commerce development in multiple languages (English, French, Chinese), and with heavy use of Panels, workflow, and extensive access controls.
Other in-house systems	Drupal 8-based proxy system for gathering job specifications from external systems, storing in a SOLR repository, and providing a REST interface for the main THE website to consume, integrated with Madgex and Parsehub.
Related projects	I also worked on a migration of email contact data from Salesforce (ExactTarget) into Mailchimp and the integration with the THE website.

Matter of Form Ltd
UK and France
Feb'16 – Nov'17
Web Developer

Initially in-house based but then remote-based, full-time Drupal/PHP developer. Also helped implement project lifecycle tools (JIRA, Jenkins, PHPCS, GIT, etc.)

https://universityarms.com	Drupal 7 site for University Arms hotel in Cambridge. Single instance, multi-site Drupal platform incorporating two domains (second one is Parkers Tavern in Cambridge) with totally separate themes.
https://parkerstavern.com	As above.
https://matterofform.com	Drupal 7 site: Includes integrations with Instagram and 3rd-party recruitment sites. Features customised HTML5 video players.
https://www.chivasom.com	Drupal 7 site: in Thai and English for luxury health resort based in Thailand.
https://www.thecurtain.com	Drupal 7 site: launched June 2017, for a new members-only hotel in London. Back-end and front-end work.
https://www.aman.com	Drupal 7 site in English, French, Japanese and Chinese. Worked on both back-end and front-end components.
https://www.k-west.co.uk	Drupal 7 site. Back-end and Front-end work.

Contact: Reference available upon request.

Mist Systems Ltd
France
Jul'15 – Jan'16
Web Developer

Mist Systems is my own company. During this period I worked on a framework for a small-to-medium business e-commerce focused on French domestic businesses, and the first implementation for a leather goods company is live.

https://www.lescuirsnomades.fr	This is a Drupal 7 and Ubercart e-commerce website in 5 languages (English, French, German, Italian and Spanish), and with Domain Access implementing 5 different domains on one codebase and a single database, with mixed-mode HTTP and HTTPS. During this project I upgraded several D6 modules to D7 and implemented my own custom modules to implement Invoicing and VAT/shipping processes absent from the core Ubercart modules. A custom payment gateway interface was also built to integrate Ubercart with the Credit Agricole (a large French bank) e-Transactions service.

Flight Centre (UK) Ltd
London UK
Mar'15 – Jul'15
Web Developer

I worked on Flight Centre's "Round The World Experts" website, as a Drupal 7 web developer, helping take the site live after many months of delays and turnover of development staff:

https://www.roundtheworldexperts.co.uk/	Significant use of JavaScript in the front-end for adaptive/responsive theming and performance and security reasons, plus the development was run within a strongly structured GIT and GIT FLOW process with distributed teams and team members. This project also implemented formal code-review and enforced coding standards compliance.

The site is based on a massively multi-domain, single code-base, multi-database model, and the development also adopted the Flow structures of peer-review, test and staging environments into the overall team processes.

Digital Life Sciences Ltd (formerly Illumina Digital Ltd)
London, UK
Jun'11 – Jan'15
Developer/Technical Project Manager

I was a technical project manager (TPM) running web development teams within DLS. I was one of two TPM's and almost all DLS projects were managed between us. The projects were all Drupal 7 and 6 developments, with PHP, on a LAMP stack. I contributed programming (PHP, Drupal, Javascript, HTML, CSS, and SQL) to several projects. All projects were managed with JIRA/Greenhopper in an Agile/Scrum environment; I was typically the scrum-master on several projects simultaneously but roles did interchange over time. I also implemented Selenium as a test-automation platform and framework.

DLS's clients are predominantly in the Health/Public sector. Some of the websites I have been developer and/or technical project manager on are:

https://www.vitalitypartnership.nhs.uk/	- Drupal 7
https://innovate.livingitup.org.uk	- Drupal 7
http://learning.wm.hee.nhs.uk	- Drupal 7
https://olat.nshcs.org.uk	- Drupal 6
http://www.bch.nhs.uk	- Drupal 6
http://www.nhslocal.nhs.uk	- Drupal 6
http://rcp.nhslocal.nhs.uk	- Drupal 6

Other projects include Drupal 7 and PHP/Symfony developments using Microsoft Healthvault to deliver Personal Health Records. The projects were part of the YearZero programme sponsored by the Technology Strategy Board.

Contact: Reference available upon request.

Tarsus Group Ltd
London, UK
Feb'10 – Oct'10
Dev/Test Manager

Managing a team of 10 people I was responsible for defining and implementing controls and processes across both development and design activities. In addition, I project managed several website and infrastructure projects. The key project I was recruited for was the migration of a legacy Windows/IIS/SQL-based CMS system previously developed in-house over 5+ years in ASP/VBScript. On this key project I defined, evaluated and acquired external hosting services (managing the migration from in-house servers) with Linux/Apache/MySQL/PHP stacks, load-balancing, and SVN; migrated development from ASP to PHP and Drupal; migrated development and test tools, and their environments and processes; introduced new planning and estimating tools; evaluated, planned and scheduled staff re-training; and evaluated and acquired support consultancy and resources. On an ongoing basis I managed infrastructure projects to extend and enhance the base platform, and deliver websites and applications for Tarsus Group. I also contributed some Drupal and PHP coding.

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eSeekers Ltd
Oxford, UK
Jul'06 – Dec'08
QA/Test Manager

Bank of Scotland
Glasgow, UK
Sep'98 - Nov'98
Test Analyst

Pragma Gaming Ltd
Cheshire, UK
Aug'05 – May'06
Lead Architect

Barclays Bank PLC
Knutsford, UK Dec'97
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Cheshire, UK
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Pontis Consulting
Manchester/London/Holland
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Dev/Test Manager

NatWest Home Loans
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Nov'92 - Nov'93
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Preston, UK
Jan'99 - Apr'99
QA/Test Instructor

Unisys Ltd (Burroughs Ltd)
UK
Jun'88 - Sep'90
Analyst/Programmer

Education

Degree: **B.Sc. (Hons.) Information Systems** - Staffordshire University