Stuart McMath - Drupal Developer

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Skills Summary

- 16 years+ website development with Drupal, all versions from 6 to 11,
  PHP / HTML / CSS / JavaScript / JQuery / Git / GitHub / CI / 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

Capital Economics Ltd	London, UK	Mar 2024 - present	Drupal Developer
H.M. Planning Inspectorate	Bristol, UK	Sep 2023	Senior Web Developer
London Stock Exchange (via GFT Technologies)	UK & France	May 2021	Senior Web Developer
Earthvolt Ltd	UK & France	Nov 2020	Developer/Technical Project Manager
TES Global Ltd	London, UK	Nov 2017	Senior Web Developer
Matter of Form Ltd	London, UK	Feb 2016	Web Developer
Flight Centre (UK) Ltd	London, UK	Mar 2015	Web Developer
Digital Life Sciences Ltd	London, UK	Jun 2011	Developer/Technical Project Manager
Tarsus Group Ltd	London, UK	Feb 2010	Dev/Test Manager
Mist Systems Ltd	France	Jan 2009	Web Developer
eSeekers Ltd	Oxford, UK	Jul 2006	QA/Test Manager
Pragma Gaming Ltd	Cheshire, UK	Aug 2005	Lead Architect
Global Capital Group	London, UK	Nov 2003	Web Developer
API Group PLC	Cheshire, UK	Mar 2003	Web Developer
Betabet PLC	Milton Keynes, UK	Mar 2000	Dev/Test Manager
JP Morgan	London, UK	Jun 1999	QA/Tester/Team Leader
I.S. Integration	Preston, UK	Jan 1999	QA/Test/Instructor
Bank of Scotland	Glasgow, UK	Sep 1998	Test Analyst
Barclays Bank PLC	Knutsford, UK	Dec 1997	Dev/Test Manager
Dresdner Kleinwort Benson	London, UK	Aug 1997	Business Analyst
Deutsche Morgan Grenfell	London, UK	Jun 1997	Test Analyst
Pontis Consulting	Manchester, UK	Nov 1993	Test Strategy Consultant
NatWest Home Loans	London, UK	Nov 1992	Analyst/Programmer
Lloyds TSB Bank PLC	Manchester, UK	Sep 1990	Analyst/Programmer
Unisys Ltd (Burroughs Ltd)	Manchester, UK	Jun 1988	Analyst/Programmer

Clients

Capital Economics
London, UK, Mar'2024, Drupal Developer

Capital Economics is an independent macroeconomic research consultancy, founded in London in 1999 by economist Roger Bootle. It has more than 60 economists covering over 100 economies, with offices in London, Toronto and Singapore. Clients subscribe for its research, data and forecasts, and it also provides economic scenarios for banks' stress testing and bespoke consultancy.

I worked solely on the company website, capitaleconomics.com, involving a Drupal 10 migration to 11, plus integrations with Salesforce, PowerBI, Bloomberg, FactSet and AlphaSense. AI integration with Renew. Core and custom module development, heavy integration with the underlying Symfony framework. Projects included front-end re-working (twice), plus refactoring the entire code-base to cater for a re-structuring of CE's product offerings. Also covered a PHP 8.1 to 8.4 migration. My role was hands-on Drupal developer on all these projects, continually working on custom modules every day, with Git, GitHub, GitHub Actions, Tugboat, PHPCS, PHPStan, TwigCS, Claude, Copilot, Visual Studio Code, DDEV, MYSQL (MariaDB), JIRA and Slack and Teams. Production server environments covered Azure and AWS. Also worked briefly on Python and PostgreSQL projects, integrating with Drupal.

Contact: Reference available upon request.

H.M. Planning Inspectorate (UK Gov.)
Sep'23, Bristol, Senior Web Developer

The Planning Inspectorate is the UK government executive agency that handles planning appeals and decisions in England, sponsored by the Ministry of Housing, Communities and Local Government. It is based at Temple Quay House in Bristol and employs around 966 staff, including about 454 planning inspectors.

This was a Drupal version 10 development on the internal Knowledge Library migration project from OpenText Content Server to Drupal. My focus was the design, build and implementation of the data migration process. It also involved 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.

The approach taken was to build one-off SQL stored-procedures and functions that would produce flat data files for simpler loading into a Drupal database, via the Feeds module (rather than using the whole Migrate suite). It didn't have to support partial and/or incremental migration.

London Stock Exchange Group (GFT Technologies)
UK and France, May'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, 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.

Contact: Reference available upon request.

TES Global Ltd
UK and France, Nov'17, 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	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.

Contact: Reference available upon request.

Matter of Form Ltd
UK and France, Feb'16, Web Developer

Initially in-house based but then remote-based, full-time Drupal/PHP developer. I 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.

Flight Centre (UK) Ltd
London UK, Mar'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/	With significant use of JavaScript in the front-end for adaptive/responsive theming and performance and security reasons, the development was run within a strongly structured GIT and GIT FLOW process with distributed teams and team members, following 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, Developer/Technical Project Manager

I was a technical project manager (TPM) at 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 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 were predominantly in the Health/Public sector. Some of the websites I was developer and/or technical project manager on were:

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 (UK governament.

Contact: Reference available upon request.

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

Managing a team of 10 people I defined and implemented controls and processes across both development and design activities. I project managed several website and infrastructure projects. The key project was the migration of a legacy Windows/IIS/SQL-based CMS system 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.

See stuartmcmath.com for earlier experience.