

Writes high-quality JavaScript, mostly using the MERN stack.

Technologies

Javascript

- Node.js
- React
- Redux
- Flow

Tools

- Webpack
- Babel
- ESLint
- Git

Infrastructure

- Docker
- MongoDB
- Jenkins
- New Relic

Concepts

- Isomorphic JS
- Microservices
- XP
- Remote-first

Experience

2015– **Software Engineer** → **Senior Software Engineer**, *Tes*, London → Remote, www.tes.com.

Part of an agile, cross-functional team incrementally improving our products for educators and students around the globe. Recently focussed on our *Employer Portal*.

- Recognised for writing maintainable, testable, readable code whether working on greenfield projects, large-scale refactors, or legacy-code maintenance.
- Instrumental in the adoption of much of the technology stack, and many of the coding patterns, now used across the department.
- Ran the technical portion of our Engineer interviews (an hour-long code-pairing exercise).
- Mentor for other Engineers in the department.
- *Project Parent*. Entails gathering technical requirements, writing story tickets, and managing resources.

2012–2015 **Junior Drupal Developer** → **Developer**, *BMJ*, London, www.bmj.com.

Lead developer and part-time SCRUM master for BMJ Quality and BMJ Job Reviews API.

- Self-taught PHP & Drupal, and later Node.js & Angular.js.
- Managed major refactor of a large Drupal application: monolithic codebase was broken down into loosely-coupled modules.
- *Voice of Technology* on a company steering committee.
- Designed and wrote the bulk of a Node.js hypermedia API supporting an Angular 1.0 front-end.

2010–2012 **Drupal Product Consultant**, *Firmstep*, Cambridge → Remote, www.firmstep.com.

Delivering highly-customised Drupal 7 websites to customers in the public sector.

- Devised and ran training for groups of up to a dozen people at all levels of IT experience.
- Wrote documentation for both internal and customer use.
- Liaised between project management, customers, and developers.

Education

2006–2010 **Master of Physics (MPHYS) in Physics with Philosophy**, *University of York*, 2:1.

Thesis required computationally modelling a quantum particle using Fortran 95.

Extra-Curricular

Travel Peripatetic since 2016. Lived and worked in dozens of cities including Lima, Tokyo, New York, Taipei, Cape Town, and Belgrade. Recently semi-settled in Berlin.

Skydiving Amateur skydiver from 2006–2014 with over 500 descents. Highlights include participating in a 42-way formation in 2014 and winning a silver medal at the UK 8-Way Skydiving Championships in 2011.