

Tom Ruttle

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Technologist with particular interests in APIs, micro-services and containers. Certified Scrum Master.

Experience

2012– **Developer, BMJ, London.**

Lead developer for BMJ Quality and BMJ Careers WIRL API.

- Designed and wrote the bulk of a Node.JS Hypermedia API supporting an Angular.JS front-end. Product was first-to-market due to our choices of technology and agile methodologies.
- Oversaw and managed the major refactoring of a large Drupal application: monolithic codebase was broken down into loosely-coupled modules.
- Investigated, prototyped, advocated, documented, and implemented a variety of DevOps tools. Now exclusively using a Docker cluster for development work.
- "Voice of technology" on steering committee for BMJ Outcomes. My role has been to assess the requirements of the customers (business team, end-users, and partners) and breaking them down into small, manageable functionalities that can be built as minimum-viable services.
- Presently building an XML document transformation/validation suite in Node.JS using the Seneca.JS micro-services framework. Have released an open-source npm module as part of this work.

2010–2012 **Drupal Product Consultant, Firmstep, Cambridge.**

Delivering highly customised Drupal 7 websites to customers in the public sector as part of an agile team.

- Devised and ran product training for groups of between two and twelve and all levels of IT experience.
- Wrote documentation for both internal and customer use
- Liaised between project management, customers, and developers

2005–2010 **Intern, Firmstep, Cambridge.**

Built e-forms for customers in the public sector; acted as consultant to customers for company products; tested new releases of company products; some first-line support

Education

2006–2010 **Master of Physics (MPHYS) in Physics with Philosophy,**

University of York, Grade: 2:1.

2003–2005 **A-Levels in Computing, Maths, Economics, Physics,**

Hills Road Sixth Form College, Cambridge, Grades (respectively): A, B, B, B.

Extra-Curricular

Skydiving Participated in 42-way formations in Summer 2014.

Have competed in 4-way Nationals competitions from 2010-2014.

Won silver medal in national 8-way skydiving championships, Rookie class, 2011.

University Colours awarded for service to University of York Skydiving Club. Positions held: Member (2006–2008); Social Secretary (2008–2009); Treasurer (2009–2010).