

Profile

From helping start-ups get off the ground to working in large teams for established websites with millions of users, I have over 10 years experience creating, developing, designing and advising for companies in four continents in all aspects required to make a successful online business.

Skills

Software Engineering

I'm passionate about writing well-written, clean code that can be easily understood and built on in the future. My expertise lies mainly in object-oriented programming (although Ruby is my favourite language I'll happily code in whatever language is required for the job), and wherever possible I like to test-drive the process of writing that code.

Project Direction

Experience in managing, directing and training teams, ensuring that team members are happy, engaged and productive, and implementing best practices as advised by the agile manifesto - Extreme Programming (XP) being my preferred flavour of agile - to get the job done effectively with as little time wasted on pointless managerial procedures.

Product Development

I believe the key to web development is communication, and most importantly this is ensuring that the business goals and the technical needs are working together nicely. That's why I've found my most successful projects have been those in which I've been allowed to give technical insights into the direction of the business/product.

Selected Experience

Makers Academy Senior Engineer/Coach

2014-2016

Returned to Makers Academy (Europe's largest coding bootcamp) to lead up the Engineering team, introducing best practices such as Continuous Integration/Deployment, XP-themed Agile, TDD, pair programming, etc. Helped update the curriculum with Node.js and Angular.js, and coached hundreds of students into their first job. Worked on product design, introducing Design Sprints and doing proper UX with user interviews and metrics. Helped the team experiment with self-management, and introduced ideas of self-management into the engineering team.

Internships Lead Developer

2013-2014

Acted as interim Lead Developer for a socially-minded jobs board for young people. Assisted in the rebuilding from scratch of the website in Rails, introducing a strict BDD-based approach to code development, whilst overseeing a more agile system of team management.

ECPAT International Web Designer/Technical Consultant

2013

Advised Bangkok-based international charity with subsidiaries in over 70 countries on the direction they should take technically. Following this consultancy volunteered to rebuild and redesign their current site, and based on a thorough research of their user's and the charities needs built a Drupal site with a cleaned-up, stripped-down design.

CouchSurfing.org Software Engineer

2011-2012

Worked on one of the largest and well-established travel websites (with over 6 million registered users), both on over-hauling the current site, creating a new events system, as well as being entrusted with architecting and building the API for their mobile apps.

Mukuru.com Lead Developer

2008-2010

Architected and built an entire mobile money-transfer system - the same system is still being used four years on and has transferred over \$1 billion using an innovative SMS-based approach. Included in the system was a custom-built accounting application, anti-fraud protection, CRM and more.

Freelance Developer Lead Developer

2004-2008

Built websites for various clients on a freelance basis using HTML, CSS, JavaScript and PHP.

Education

First Class Honours in *Intellectual and Cultural History*, **University of Sussex**