

Employment History

Software Engineer - Payments, Lost My Name

May 2016 - Present (lostmy.name)

- Full-stack Rails engineering specialising in Payment integrations as part of a Scrum team delivering a 99.999% uptime application
- Implemented AliPay payments and Chinese language translation of website, including Rails backend and committing patches to open source projects
- Project managed and developed the integration of Amazon Payments, including negotiating contracts with Amazon UK, DE, and US, and the full stack implementation
- Organised and implemented a project to route card transactions based on currency, generating £500k in additional sales with under thirty lines of code
- Managed Scrum processes including sprint planning for team of 5-7

Tools: *Rails, Solidus/Spree, Heroku, RSpec, Adyen, Stripe, Braintree, Amazon Pay*

Senior Software Engineer, BorrowMyDoggy

May 2015 - May 2016 (borrowmydoggy.com)

- RubyMotion iOS and Rails development as part of an agile product team
- Implemented code reviews via Github PRs across all codebases
- Partially SOA on Heroku and AWS, using Sinatra and Rails, currently at 4 services
- Re-implemented the transactional email systems sending ~3 million emails / month
- Management of iOS contractor, PRs, priorities, collaboration, and organising releases
- Worked to improve test to code ratio from 0.9 to 1.1, primarily through TDD/BDD
- Re-developed iOS IAP in 3 days to fix critical bug in production caused by a gem
- Work with marketing and operations to answer queries and provide dev support

Tools: *Rails, RubyMotion, Sinatra, AWS, Heroku, Memcache, Redis, Postgres, RSpec*

Independent Software Consultant, Chris Radford Ltd

June 2011 - May 2015 (chrisradford.com)

- Consulted with Eventbrite, AMEX, Medallia and a range of startups
- Developed payment systems for companies on four continents
- Scaled a Rails app to handle 3 million page views during a national media campaign
- Consulted on the redevelopment of the Eventbrite API

- Prototyped initial versions of two iOS apps

Tools: *Ruby, Rails, RubyMotion, Objective-C, Heroku, DigitalOcean, MySQL, Postgres*

Software Engineer, Eight90 Designs

April 2014 – May 2015 (eight90.com)

- Remote work for Texas based web agency developing PHP and Rails applications
- Sole engineer on two HIPAA compliant iOS apps for US healthcare providers
- Responsible for scaling a WordPress site to over 5 million page views per month
- Introduced best practices; continuous deployment, code reviews, & version control
- Migrated hosting for 40–50 sites from 1&1 to DigitalOcean with custom build tools

Tools: *Rails, WordPress, RubyMotion, Postgres, MySQL*

Software Engineer, ChurchApp

June 2009 – April 2014 (churchapp.co.uk)

- Built automated deployment tools, reporting suites, and customer lifecycle emails
- Experimented with alternative marketing approaches including cupcakes
- Provided software training to groups of 30+ administrators
- Helped grow the team to 6 people, including marketing and support members
- Organised and supervised Pen Testing, implementing suggested changes
- Developed first version of the iPhone App, API, and OAuth Service
- Created PHP Minitest-esque testing framework for API regression tests

Tools: *RubyMotion, PHP, MySQL, Apache, Linux*

Education

MBA

The Open University (2015 – Present)

BSc (Hons) Joint Hons Computer Science & Management Studies

The University of Nottingham (2008 – 2011)

Professional Scrum Master I

scrum.org (2016)

Certificate in Marketing

Chartered Institute of Marketing (2010)

Interests

In my spare time I enjoy bouldering and hiking, as well as reading a, bordering on unreasonable, quantity of books. I volunteer time helping others learn to code at RailsGirls.