

David Wickes

A full-stack developer who is serious about code craftsmanship, works mainly in JavaScript and Ruby, and is always looking to learn something new.

Development Experience

Mergermarket (January 2015 - present)

- Financial journalism company, providing alerting and research services to multiple sectors.
- Built a web-scraping and alerting system for US bankruptcy courts using a microservice architecture, hosted in Docker containers and written in Groovy and JavaScript
- Worked in an experienced, language agnostic and extremely agile team, delivering incremental and consistent value to the business.

Skills

- Principles of microservice architecture design
- Building RESTful services using Express, Spark, Ratpack
- Using RabbitMQ message queues to interface between services
- Monitoring and logging using Graphite, DataDog, Logstash and Logentries
- New language - Groovy (a Java derivative)
- New databases - MS SQL and RethinkDB
- Build tools - Gradle, Grunt, Gulp and Make
- Web scraping using various libraries and regular expressions
- Using Browserify to export NodeJS modules to the browser
- Testing using Spock
- Principles of functional programming
- AngularJS
- Creating and managing multiple CI pipelines using Jenkins
- Participating in and leading retrospectives
- Running applications inside Docker containers
- Virtualization of Windows machines using VirtualBox for testing
- AWS ecosystem, including provisioning ECS (Docker) clusters
- Building Slack integrations

Makers Academy (August 2014 - October 2014)

- 12-week coding bootcamp
- Full-stack web development in Ruby, Rails, Sinatra and NodeJS
- Learned TDD/BDD, pair programming and other Agile practice

Skills

- Agile values, principles and practice
- CSS3 and Sass
- Deploying to Heroku
- Feature tests in Cucumber
- HTML5 with various templating libraries
- Ruby and frameworks - Sinatra, Ruby on Rails
- JavaScript, CoffeeScript and the Express framework
- Object-oriented programming principles
- Pair programming
- SQL and NoSQL databases
- Software design patterns
- TDD and BDD
- Unit testing with RSpec and Jasmine

- Testing with Mocha, Chai, Capybara and PhantomJS
- Version control with git and GitHub

Other Employment

Liberis

Marketing Executive (March 2014 - August 2014)

- Designing and delivering responsive HTML emails in a test and learn program
- Led integration of company data sources into Salesforce CRM
- Started a project to place company telephony in the cloud

Polyglobe Group

Marketing Executive (March 2013 - February 2014)

- Joined just prior to launch of new website to advise on SEO and create copy
- Worked closely with developer to fix post-launch bugs and problems

The Kids Window

Web Master (September 2009 - February 2013)

- Joined small family-run website as a copywriter
- Used HTML and CSS in creating marketing emails and landing pages

Norfolk Library Service

Library Assistant (June 2005 - June 2009)

- Worked as a library assistant in busy rural libraries
- Helped almost everyone with the computers at some point

Education

Dates	Institution	Subject(s)
2003 - 2005	University of Warwick	MA Continental Philosophy
2000 - 2003	University of Warwick	BA Philosophy (1:1)
1991 - 1998	Wisbech Grammar School	A level Maths, Biology Chemistry; 10 GCSEs

I Like

Playing with Vim and Emacs, software craftsmanship, going to meetups, teaching others to code at Codebar.io, learning other languages in my spare time (Common Lisp, Clojure), playing chess, calligraphy, typography, Kant, Nietzsche, Wittgenstein and walking my dog, Erik. But most of all I like writing code.

Contact

You can reach me as @gypsydave5 on Twitter and dave@gypsydave5.com by email. There's a blog (blog.gypsydave5.com), and my [GitHub](#) account too if you'd like to see what I'm up to and thinking.