

David Wickes

An agile, iterative, and test-driven developer.

Saltpay

Senior Developer / Tech Lead (May 2022 - Present)

- Provider of payments services to small and medium enterprises
- Responsible for the integration of dependencies for the onboarding of customers
- Consulted internally on testing strategies and TDD
- Built tooling within the team to improve process

Skills

- Go programming language
- PostgreSQL databases
- Architecture and decision documentation
- Deployment on a Kubernetes cluster
- Small scale [contract testing](#)
- Implemented [Domain-Driven Testing](#) for multiple projects

Triptease

Senior Developer (July 2021 - April 2022)

- Hotel digital services company managing digital advertising
- Worked in team responsible for display advertising

Skills

- Primarily programmed in TypeScript
- Management of a statistical model to calculate the correct advertising bids
- Contributed multiple learning sessions to help teams learn TypeScript

Acuris

Senior Developer (July 2019 - June 2021)

- Financial journalism company, providing alerting and research services to multiple sectors.
- Worked initially on the platform team building tooling around AWS
- Moved to a product team building web applications
- Initiated and ran the departments associate developer mentoring programme

Skills

- Use of graphical JavaScript libraries to display information
- [Event sourced](#) backend architecture in TypeScript
- Rapid prototyping using spreadsheets as backend (both Excel and Google Sheets)
- Learned [Domain-Driven Testing](#) (DDT)
- [Next.js](#), a React based web framework
- Promoted the use of DevOps and Agile techniques for building software
- Configuring multiple AWS services using [Terraform](#)
- Working with [Svelte](#)

SpringerNature Digital

Developer (October 2017 - July 2019)

- International scientific publisher
- Joined to work as part of a small innovations team, working across the company
- Dissolution of team resulted in move to high-priority payments project
- Led a weekly lunch club learning Lisp(s)

Skills

- Small applications as experiments to gather the maximum information on real requirements
- [Continuous delivery](#) with [trunk based development](#)
- Leveraging modern HTML and CSS to build simple, functional web applications
- Building browser extensions as an integration point across legacy systems
- Used [Kotlin](#) and PostgreSQL
- Deploying applications on a [Cloud Foundry](#) platform
- Learned [Domain-Driven Testing](#) + [Event Sourcing](#) from Nat Pryce and Uberto Barbini

[Acuris](#)

Developer (January 2015 - October 2017), Lead Developer (May 2016 - September 2016)

- Built a web-scraping and alerting system for US bankruptcy courts using a microservice architecture.
- Contributed to creation of new content delivery pipelines for the core business
- Led a team until I asked to be allowed to focus on development
- Led and iterated on the structure for regular hackdays

Skills

- Extending and upgrading NodeJS apps to use ES2015 features
- Languages - Groovy, Go, JavaScript, TypeScript
- Building frontends in vanilla JS, React and Redux
- Participated and led in learning and adoption of Go across development teams
- Building RESTful services using Express, Spark, Ratpack
- Using RabbitMQ to connect services
- Monitoring and logging using Graphite, DataDog, Logstash and Logentries
- Databases - MSSQL, Elasticsearch, MongoDB
- Web scraping using various libraries and regular expressions
- Participating in and leading retrospectives

[Makers Academy](#)

Student (August 2014 - October 2014), Tutor (October 2014 - December 2014)

- Full-stack web development bootcamp in Ruby, JavaScript, Rails, Sinatra and NodeJS
- Learned TDD/BDD, pair programming and other modern development practices

Skills

- Ruby and JavaScript
- Frontend skills in HTML5, CSS and JQuery
- Version control with git and GitHub

Courses, Conferences, External Activities

- Contributor to Go Time podcast on [TDD](#) and [htmx](#)
- Recent conferences: GopherCon London, Software Craftmanship London, GopherCon Europe, QCon
- Lead Developer Workshop: *Be a brilliant people developer*
- *Single Page Applications with AngularJS and TypeScript* - Skills Matter
- [Algorithmic Toolbox](#) by University of California, San Diego & Higher School of Economics on Coursera

Languages

- Used in production: Kotlin, JavaScript/TypeScript, Groovy, Ruby, Go, Java
- Used outside of work: Common Lisp, Scheme, Racket, OCaml, Smalltalk

Other Employment

Liberis

Marketing Executive (March 2014 - August 2014)

Polyglobe Group

Marketing Executive (March 2013 - February 2014)

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

TDD, DDD, functional programming, object-oriented programming, boardgames, chess, playing the recorder, early music, Oxford commas, and the philosophy of language.

Contact

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