# David Wickes

An agile, iterative, and test-driven developer.

## [Saltpay](https://www.saltpay.co/)

### *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 Kubernates cluster
* Small scale [contract testing](https://martinfowler.com/bliki/ContractTest.html)
* Implemented [Domain-Driven Testing](http://www.natpryce.com/articles/000819.html) for multiple projects

## [Triptease](https://www.triptease.com/)

### *Senior Developer (July 2021 - April 2022)*

* Hotel digital services company manging 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](http://www.acuris.com/)

### *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](https://martinfowler.com/eaaDev/EventSourcing.html) backend architecture in TypeScript
* Rapid prototyping using spreadsheets as backend (both Excel and Google Sheets)
* Learned [Domain-Driven Testing](http://natpryce.com/articles/000819.html) (DDT)
* [Next.js](https://nextjs.org/), a React based web framework
* Promoted the use of DevOps and Agile techniques for building software
* Configuring multiple AWS services using [Terraform](https://www.terraform.io/)
* Working with [Svelte](https://svelte.dev/)

## [SpringerNature Digital](http://www.springernature.com)

### *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](https://continuousdelivery.com/) with [trunk based development](https://trunkbaseddevelopment.com/)
* Leveraging modern HTML and CSS to build simple, functional web applications
* Building browser extensions as an integration point across legacy systems
* Used [Kotlin](https://kotlinlang.org/) and PostgreSQL
* Deploying applications on a [Cloud Foundry](https://www.cloudfoundry.org/) platform
* Learned [Domain-Driven Testing](http://www.natpryce.com/articles/000819.html) + [Event Sourcing](https://martinfowler.com/eaaDev/EventSourcing.html) from Nat Pryce and Uberto Barbini

## [Acuris](http://www.acuris.com/)

### *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](http://www.makersacademy.com/)

#### *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](https://changelog.com/gotime/185) and [htmx](https://changelog.com/gotime/266)
* 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*](https://www.coursera.org/account/accomplishments/records/C58NGM7GQS84) 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](https://twitter.com/gypsydave5) on Twitter and [dave.wickes@gmail.com](mailto:dave@gypsydave5.com) by email. There's a blog ([blog.gypsydave5.com](http://blog.gypsydave5.com/)), and my [GitHub](https://github.com/gypsydave5) and [sr.ht](https://git.sr.ht/~dew/) accounts too if you'd like to see what I'm up to and thinking.