

David Wickes

An agile, iterative, and test-driven developer.

SpringerNature

Senior Software Developer (April 2023 - Present)

- Proactively explored and applied cutting-edge development techniques, including AI, and mentored others in their practical application.
- Initiated and facilitated event storming sessions, empowering cross-functional stakeholders in architectural discovery.
- Advocated for and reintroduced Domain-Driven Tests (DDTs), improving workflow and code quality.
- Mentored on advanced programming techniques and functional programming concepts.
- Guided cross-team discussions on engineering best practices.
- Delivered internal 'Lightning Talks' to share knowledge and foster improvement.
- Communicated complex technical concepts to diverse audiences, including hosting company-wide meetings.
- Led root cause analysis of amendments, collaborating with multiple stakeholders, and drove actionable insights for multiple departments.
- Collaborated with Product Owners and team members to align solutions with business and technical goals.
- Fostered a culture of open feedback and continuous improvement.
- Confidently represented the domain and business in technical discussions with stakeholders.
- Championed excellence in software engineering and inspired a high-performance culture.

Skills

- Mentoring and coaching
- Facilitation
- http4k library contribution
- Advanced front-end development
- Ports-and-adaptors (hexagonal) architecture
- Domain-Driven Testing (DDT)
- Advanced programming: Hamkrest, Kondor, functional programming (Result type)
- Engineering best practices and code review leadership
- Advanced methodologies: Mikado, Steel Thread
- Agile analysis techniques: story mapping, example mapping

Saltpay

Senior Developer / Tech Lead (May 2022 - April 2023)

- 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

Skills

- Go programming language, PostgreSQL, Kafka
- Monitoring using Grafana suite
- Architecture, roadmaps and decision documentation
- Small scale [contract testing](#) and [Domain-Driven Testing](#)

Triptease

Senior Developer (July 2021 - April 2022)

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

Skills

- Deployed on Google Cloud Platform (Kubernetes and other tools)
- Management of a statistical model to calculate 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 / Go
- Rapid prototyping using spreadsheets as backend (both Excel and Google Sheets)
- [Next.js](#), a React based web framework
- Configuring multiple AWS services using [Terraform](#)

SpringerNature Digital

Developer (October 2017 - July 2019)

- 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 in JavaScript as an integration point across legacy systems
- Used [Kotlin](#) and PostgreSQL on [Cloud Foundry](#) platform
- Learned [Domain-Driven Testing](#) and [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

- 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
- Monitoring and logging using Graphite, DataDog, Logstash and Logentries
- MSSQL, Elasticsearch, MongoDB, RabbitMQ as a message broker
- 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
- Ruby, JavaScript, HTML5, CSS and JQuery
- Version control with git and GitHub
- Coached and mentored students both during and after the course

Courses, Conferences, External Activities

- Contributor to Go Time podcast on [TDD](#) and [htmx](#)
- Recent conferences: GopherCon London, Software Craftmanship London, GopherCon Europe, QCon
- *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

Education

Dates	Institution	Subject(s)
2000 - 2005	University of Warwick	BA Philosophy (1:1), MA Continental Philosophy

I Like

TDD, DDD, functional programming, object-oriented programming, boardgames, chess, playing the recorder, early music, Oxford commas, and learning Old English.

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.