

# DAN PARKER

Developer, Architect, Technical Team Lead

London, UK  
+44(0) [redacted] [redacted]  
[redacted]@gmail.com  
LinkedIn.com/in/mrdanparker

## About me

A software engineer with 20+ years of commercial experience across a range of domains, including early-stage startups in highly regulated industries. I've held roles spanning technical co-founder, team lead / architect and senior developer where I've led greenfield and large-scale evolutionary projects end-to-end, with a focus on backend architecture, API design, and long-term system maintainability.

I'm most effective operating across ambiguous problem spaces; shaping requirements, co-owning product direction, and translating complex domain constraints into pragmatic, acceptance tested systems. I care deeply about correctness, in-depth understanding of problem domains, and designing and implementing software that remains clear and adaptable as it scales.

I'm a pragmatic technical engineer with strong lean/agile instincts, experienced in TDD/BDD, CI, and automated testing. I optimise for fast feedback loops, incremental delivery, and maintaining high standards for code quality.

I recognise my role rapidly evolving as AI becomes embedded in dev workflows. Engineers increasingly curate, review, and steer rather than just implement. AI tools accelerate implementation but amplify specification quality; Garbage in, garbage out. As the future of delivery shifts towards Specification Driven Development, the differentiator becomes the ability to define intent precisely and guide the tools with experienced technical judgement.

Throughout my career, I've always focused on deeply understanding requirements, surfacing business value, and translating ambiguity into shared technical direction across the teams I've led. Those capabilities now extend directly to AI-assisted delivery: articulating intent and constraints, providing the right architectural context, critically evaluating outputs, and iterating toward maintainable, production-grade systems.

I'm continuously experimenting with and refining how I use AI as a force multiplier in real-world development workflows.

## Employment history

### Cofounder & architect @ peachy.health 2021 - 2025

Architected and delivered a cloud-native, serverless health insurance platform from inception to regulated launch. Led end-to-end design across iOS, Android, Web, and backend, comprising a React Native / Expo mobile app, Node.js / TypeScript backend APIs, and a React operations portal for claims and customer management.

Designed a composable, event-driven microservices architecture on AWS using infrastructure-as-code. Core capabilities included config-driven insurance products, real-time policy changes and repricing, KYC and sanctions screening, claims workflows, recurring payments, third-party integrations, GDPR and HIPAA-compliant data lifecycles, and hierarchical RBAC.

Owned the React Native app from product direction through to implementation and deployment: offline-first architecture, in-app GP video consultations, chat and video-led claims submission, geospatial health care provider search, EAS build pipelines, app store releases, and OTA update strategy. Implemented multiple complex third-party integrations (Intercom, HealthHero, NHS Digital) across both mobile and backend layers. Championed and led a proof of concept human-in-the-loop agentic AI claims adjudication component embedded within the claims processing workflow. Established full-stack engineering standards and technical strategy across the platform.

Delivered a fully regulated Managing General Underwriter that we successfully launched to the UK market as both production reference implementation and commercial offering, validating the platform's scalability and market viability.

### Dev team lead & architect @ underwriteme.co.uk (contract) 2014 - 2020

Led the implementation of direct-to-customer sales channels for major UK insurers including Sun Life, Canada Life, LV=, and Aegon. Architected and led the delivery of an iterative claims processing platform for income protection products. Contributed to company-wide architectural strategy, mentoring development teams and ensuring scalable, high-performance Java/Spring, and Groovy/Grails microservice solutions across the multi-insurer protection insurance platform.

### Lead developer @ gamesysgroup.com (contract) 2012 - 2014

Led the development of a small team working on an internal employee portal and HR reporting Groovy/Grails web application. Worked directly alongside internal stakeholders to gather, prioritise, and implement requirements

### Lead developer @ carmine.co.uk 2011 - 2012

Hired as founding technical lead for a beauty subscription startup, building the full product from greenfield to market launch in 4 months. Architected and developed the platform using Groovy/Grails with TDD and agile methodologies, deployed on AWS EC2. Successfully delivered a scalable subscription service that was subsequently acquired by glossybox.co.uk

### Senior developer & dev team manager @ f1000.com 2006 - 2011

Led complete platform redevelopment of a post-publication peer review web app for biological and medical research. Managed and mentored a distributed development team through full rewrite from legacy ASP to modern Java/Spring and Groovy based stack, championed and implemented agile practices and test automation. Delivered a scalable solution deployed on in house load-balanced infrastructure.

### Developer @ Anite public sector 2004 - 2006

Developed and maintained a suite of web applications for emergency planning and crime statistics serving government and public sector clients. Progressed from team member to sole technical owner, delivering Java J2EE applications across Windows and Unix environments with dynamic front-end interfaces.

### Webmaster @ IBM (University placement) 2001 - 2002

Maintenance and development of two intranet sites used to provide worldwide support to IBM projects

## Education

BSc (HONS) Computing, 2i  
Bournemouth University  
1999 - 2003

A-level Computing, Grade A  
Peter Symonds College, Winchester  
1997 - 1999

## Key skills

React Native	TypeScript	Node.js
Expo/EAS	Groovy	Bun
React	Java	Yarn
SolidJS		NPM
Grails	REST	Git
Spring	JSON	
	XML	MySQL
Serverless:	HTML	SQLite
AWS Cognito		Hibernate
AWS Lambda	BDD	GORM
AWS IAM	TDD	
AWS SES	ATDD	Linux
AWS EventBridge		MacOS
AWS Amplify	Scrum	Ubuntu
AWS CDK	Kanban	
AWS CloudFormation	Jira	VScode
AWS S3	CI/CD	Cursor
AWS Api Gateway		Kiro
	Playwright	Claude Code
Spock/Geb	Jest	OpenCode
Cucumber	JUnit	

## Other interests

Art & photography  
Badminton, squash & cycling  
Homebrewing & baking  
Live music & festivals