Carl Fearby

Senior Software Engineer & Technical Lead

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Professional profile

Senior engineer and technical lead with over 30 years in technology. I build web platforms and lead technical delivery, from customer-facing journeys and internal tools to full-stack products. My experience spans enterprise engineering, technical product ownership and running an independent software practice.

Technical expertise

Frontend · TypeScript, JavaScript, React, Next.js, Angular, HTML, CSS and WCAG
Backend · Node.js, PHP, PostgreSQL, MySQL, REST APIs and multi-tenant platforms
Delivery · Azure DevOps, CI/CD, Docker, Linux, AWS, technical direction and mentoring

Recent experience

Digital Estate & Web Content · Contract Oct 2026 - Present
CEMEX
Working across CEMEX's wider digital estate, spanning public-facing websites, content platforms and opportunities to improve internal tools.

- Reviewing accessibility, SEO, content quality and user journeys across the web estate.
- Bringing software engineering experience into digital improvement initiatives, including location-based experiences and connected services.

Senior Software Engineer Apr 2026 - Present
Tata Consultancy Services (TCS)
Transferred from Virgin Media O2 to TCS in April 2026 under TUPE, continuing senior engineering and product-facing delivery in an enterprise environment.

- Working with modern frontend stacks, TypeScript and Agile delivery practices.

Founder / Full-Stack Engineer 2026 - Present
Kinetic Axis Digital
Independent engineering practice delivering digital products, prototypes, client websites and bespoke software solutions.

- Designing and building applications end to end, from UX and architecture to deployment and ongoing support.

Senior Software Engineer / Technical Product Owner Feb 2022 - Apr 2026
Virgin Media O2
Developed components and user experiences for Virgin Media digital channels, progressing into technical product ownership of Agent Knowledge Hub.

- Delivered customer-facing interfaces with Angular, React, Next.js and TypeScript.
- Led technical direction across the full delivery lifecycle for Agent Knowledge Hub, used by 24,000 agents.

Earlier experience

Senior Developer / Full-Stack Engineer · Contract

Feb 2022 - 2024

The Open University

Built and evolved full-stack solutions for Quality Monitoring and Enhancement (QME) and Qualification Pathways (QP).

- Developed application features across Angular, JavaScript, PHP and MySQL.

Senior Developer / Frontend Technical Lead

Jan 2010 - Feb 2022

Compusoft Group (later Cyncly)

Senior technical lead working on enterprise frontend products for the kitchen, bedroom and bathroom industry, across distributed international teams.

- Developed reusable Angular and JavaScript web components integrated with 3D planning and catalogue systems.

Senior Developer / Product Architect

Jan 2010 - Oct 2021

EQ Software (part of the Compusoft group)

This was part of the same continuing group employment, rather than a separate simultaneous appointment. Designed and developed the company's eStore e-commerce solution.

- Architected and initially delivered eStore, a bespoke B2B/B2C e-commerce platform for complex kitchen, bedroom and bathroom catalogues.

Oceanworks UK Ltd | Managing Director | Jan 2003 - Jan 2010

Bluespheres / SBNetworks | Technical Manager | Jan 1995 - Jan 2003

Kelly Communications | Telecommunications Installation Supervisor | Sep 1991 - Jan 1995

Selected projects

Pace Venues

Built a multi-tenant hospitality platform with guest booking flows, menus, rewards and a web back office for venue operations.

OPUS React

Built reusable React components, design tokens, accessible forms and theming for business applications.

Cyncly eStore and Product Navigator

Designed and delivered commercial software for kitchen, bedroom and bathroom sales and catalogue workflows.

More case studies

Education

GCSEs including English, Mathematics and Computer Studies.