Contact

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www.linkedin.com/in/carl-bowen
(LinkedIn)
www.Digiblez.com/ (Company)
github.com/DigiDigiblez (Portfolio)

Top Skills

Principal/Lead Developer

Consulting • Leadership • Team
Building • Hiring

GenAI • AI SDLC • Prompting

Certifications

React Developer (Nanodegree)

Product Manager (Nanodegree)

Full-Stack Developer (Nanodegree)

Honors-Awards

[Industry-Led Award]: Highest-
Graded Mobile-First jQuery Web App
of all students

x3 University Dean's List Awards
(Awarded Every Year)

Carl Bowen

AI Transformation Consultant • Principal/Lead Developer • 8+ yrs
exp • GenAI • AI SDLC • Prompting • React • Node • Next • AWS •
GraphQL • UX/UI • Web3 • Design Systems • Consulting
Nottingham, England, United Kingdom

Summary

I help organisations transform their software development lifecycle
with AI-first strategies — designing approaches, engineering
prompt frameworks, and enabling full automation from concept to
production.

As an AI Transformation Consultant with 8 years in senior
engineering and leadership roles, I bring a proven track record
of delivering high-impact solutions, optimising products, and
preventing technical debt. My expertise spans requirements analysis,
automated code generation, CI/CD build automation, integration &
system testing, release orchestration, and AI-driven monitoring.

I combine deep technical skill with effective leadership — mentoring
teams, building high-performing squads, and fostering a culture of
innovation. My background includes atomic UI design, meticulous
documentation, and both manual and automated testing, with a focus
on delivering responsive, customer-centric products.

What sets me apart is blending technical mastery with a personable
approach — staying ahead through personal projects, continuous
learning, and engagement with the AI and tech community. I thrive at
the intersection of innovation and execution.

Now, I'm looking to bring my AI SDLC transformation expertise to
forward-thinking organisations that want to harness AI to automate,
accelerate, and redefine their software delivery. Let's build the future
together.

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Experience

Admiral Group Plc
AI Transformation Consultant ()

August 2025 - Present (3 months)
England, United Kingdom

Phase 1 – Requirements & Design:
> Planning and evaluating AI-driven requirements analysis and system design.
> Engineering prompt frameworks for automated code generation, code review, and unit testing.

Phase 2 – Build & Testing:
> Designing CI/CD strategies and AI-powered build automation.
> Creating prompt frameworks for integration testing, system integration testing, debugging, and fixes.
> Developing approaches for non-functional testing and user acceptance testing with AI validation.

Phase 3 – Release & Monitoring:
> Planning pre-production validation and automated release orchestration.
> Engineering AI-driven monitoring strategies for performance and reliability.

Collaboration & Delivery:
> Partnering with UX designers, product owners, engineers, QA teams, and SREs to embed AI across the full software development lifecycle.

Digiblez
AI Transformation Consultant ()
March 2025 - August 2025 (6 months)
United Kingdom

Assessing readiness:
> Evaluating current systems, data, and workflows for AI adoption

Identifying opportunities:
> Spotting high-impact use cases for AI/GenAI across business and product

Strategies & roadmaps:
> Designing phased AI adoption plans aligned with business goals

Tech guidance:
> Recommending tools, frameworks, and vendors for AI integration

Change management:
> Supporting leadership, teams, and culture shifts for AI adoption

Governance & ethics:

> Ensuring compliance, responsible AI practices, and risk mitigation

Data strategy:

> Advising on data quality, pipelines, governance, and security for AI

Piloting & scaling:

> Leading POCs/MVPs and scaling successful AI initiatives company-wide

Upskilling:

> Training staff and promoting AI literacy across technical and non-technical teams

Value tracking:

> Measuring ROI, efficiency, and innovation impact of AI initiatives

Experian
Senior Full-Stack Developer ()
December 2024 - March 2025 (4 months)
United Kingdom

- Designed and developed Experian's Credit Lock feature to prevent fraudulent credit applications
- Engineered secure APIs and integrated identity verification workflows
- Built responsive, real-time UI for lock/unlock functionality using modern design systems
- Collaborated with security, legal, and product teams to ensure regulatory compliance
- Optimised performance, scalability, and uptime for high-traffic environments

Digiblez
Principal Full-Stack Developer ()
August 2022 - November 2024 (2 years 4 months)
United Kingdom

- Led greenfield development of scalable freelancing platform using MERN stack
- Managed and mentored 8-person development team to improve code quality and delivery speed
- Defined system architecture, performance optimisation, and scalability strategy

- Provided technical leadership, roadmap planning, and stakeholder reporting to CTO
- Oversaw release management, debugging, and continuous integration

Raise
Senior Full-Stack Developer ()
May 2022 - August 2022 (4 months)
United Kingdom

- Architected and implemented atomic design system with UI Director
- Developed and launched scalable agency management platform

Precision Proco
Lead Software Developer
March 2022 - May 2022 (3 months)
London, United Kingdom

- Led development team delivering scalable software solutions aligned to business objectives
- Spearheaded performance optimisation and feature delivery for high-traffic systems
- Mentored junior developers to enhance team capability and code quality

Vibrant Media
Lead Full-Stack Developer ()
February 2020 - March 2022 (2 years 2 months)
United Kingdom

- Led a multi-level development team
- Created advanced keyword-level tech for precise contextual targeting
- Shaped product UI design direction
- Ensured code quality and reliability with 100% automated test coverage
- Conducted comprehensive QA: functional, smoke, stress, e2e, and automation testing

Superbet
Senior Full-Stack / UI Designer ()
March 2019 - February 2020 (1 year)
United Kingdom

- Developed greenfield sports betting platform with progressive enhancement (PWA)
- Led 5-person development team, enforcing strict code reviews and testing standards
- Delivered 95% minimum automated test coverage and robust performance

Endemol Shine Group
HTML5 Games Developer / Head of QA
July 2018 - March 2019 (9 months)
United Kingdom

- Engineered core mechanics and visuals for bespoke slot games (Dumb and Dumber, Deal or No Deal)
- Promoted to hybrid QA Lead role, overseeing automated and manual testing processes
- Conducted full QA lifecycle: functional, smoke, stress, e2e, automation testing

Stride Gaming Group
Software Developer
September 2016 - July 2017 (11 months)
United Kingdom

- Developed bespoke slot games for gambling platforms, including Kitty Bingo
- Collaborated with UX/UI teams on visual design and interactive prototypes

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Education

University of Westminster
BSc (Hons) Computer Science with Industrial Experience, Computer Science · (September 2015 - June 2018)