

Christopher Dale

Full Stack Developer

CONTACT

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CORE SKILLS

- Javascript
- Typescript
- NodeJS
- React
- NextJS
- Redux, Jotai
- CSS (Tailwind)
- Unit testing (Vitest, RTL, Jest)

ADDITIONAL SKILLS

- Accessibility (WCAG 2.1)
- SEO
- Responsive Design
- Semantic HTML
- Data Visualisation (D3)
- WebGL (DeckGL, PixiJS)
- Headless CMS's (Contentful)
- RESTful API's
- CDN's (Cloudinary)
- Google Cloud Platform (Maps API, Gemini AI API)
- Distributed Caching (Redis)
- PostgreSQL (Supabase)
- GraphQL
- ORM's (Drizzle)
- IndexedDB (DexieJS)

PROFILE

An accomplished full-stack developer (front-end focused) with 8+ years' experience and proven success working collaboratively to deliver high-performance web applications using Javascript and React. Passionate about solving complex problems through clean, scalable code and continuously adapting to emerging technologies.

EXPERIENCE

Founder and Developer Aug 2024 - Present
Spot Hub

- Independently conceived, architected and rapidly developed a functional MVP, implementing a PWA approach to solve cross-platform compatibility
- Researched, evaluated and selected optimal technologies, analysing trade-offs between performance, scalability, cost efficiency and developer experience
- Architected the application's front-end, back-end, and data flow to meet scalability and performance requirements following a local-first caching strategy
- Built responsive UI components, integrated APIs, and designed the database schema for efficient data handling
- Configured CI/CD pipelines and implemented cloud hosting for seamless delivery
- Drove continuous product improvement through iterative development cycles informed by user feedback and market research
- Utilised AI development tools to accelerate coding efficiency and problem solving and integrated AI API's to improve user experience

Sabbatical Sept 2022 - Aug 2024

- Solo travelling
- Family care and estate executor responsibilities

Senior Front End Developer July 2019 - Sept 2022
London, Remote
Shelter

- Worked in a cross-functional Agile team to rebuild Shelter's website using modern technologies, optimising performance and accessibility to deliver faster page loads for 7 million annual visitors and significantly improve access for disabled users
- Collaborated with UX and design teams to develop a reusable component library, improving efficiency, consistency and accessibility compliance across the organisation
- Championed accessibility compliance, including the introduction of team accessibility guidelines and automated accessibility testing tools
- Delivered clean, modular, unit-tested code both on the front-end and back-end, and upheld coding standards and codebase maintainability through regular code reviews and contributions to team documentation
- Line-managed junior members of the team, holding regular one-to-one meetings and developed their skills through pair programming sessions
- Analysed team processes and implemented strategies for improved workflows, including the introduction of automated tools to reduce team performance bottlenecks, accelerating task completion and enhancing overall delivery times

- Service Workers (Serwist)
- Storybook
- Chromatic
- CI/CD (CircleCI, Github Actions)
- Cloud Deployment (Netlify, Vercel)
- Version Control (Git)
- Agile Workflows
- Team Collaboration Tools (Jira, Github, Slack, Confluence)
- Design Tools (Figma, Canva, Photoshop)

EDUCATION

University of Southampton, 2008-11
IT in Organisations, BSc.
First Class with Honours

REFERENCES

Available upon request

Associate Web Engineer ASOS	<i>May 2017 - July 2019</i> <i>London</i>
▪ Collaborated within a cross-functional Agile team to rebuild the ASOS website using latest technologies, implementing a high-performance, scalable microservices architecture to support over 20 million active users	
▪ Worked closely with UX, QA and product specialists to deliver fully-tested features that met functional and end-user requirements	
▪ Followed TDD practices to deliver clean, modular and scalable unit-tested code	
▪ Conducted regular code reviews to ensure code quality, maintainability and adherence to project requirements	
▪ Mentored junior developers and facilitated regular pair programming sessions across all skill levels to promote knowledge sharing and accelerate task completion	
Consultant Front End Developer BAE Systems Creative Services	<i>Sept 2015 - Feb 2017</i> <i>London</i>
▪ Worked across multiple cross-functional and client-facing teams to build web applications, fix bugs and maintain existing codebases, communicating effectively and professionally to explain complex technical concepts to non-technical teams and translate client needs into technical specifications	
▪ Led the development of a marketing and data visualisation project for a client, working collaboratively within a small cross-functional team to meet a tight deadline. Produced comprehensive documentation and conducted stakeholder training, enabling the successful rollout of the project across 20 international websites	
Front End Developer First Utility	<i>June 2013 - Sept 2014</i> <i>London</i>
▪ Worked as part of a small Agile team to rebuild the First Utility website using modern technologies with responsive design, including taking ownership for the development of interactive data visualisation charts, contributing to the project winning the 2014 Utilities Website of the Year Award	
Junior Front End Developer MyDeco	<i>Sept 2012 - May 2013</i> <i>London</i>
Junior Full Stack Developer OpenBet	<i>Sept 2011 - Sept 2012</i> <i>London</i>