

Christopher Dale

Full Stack Developer

CONTACT

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TECHNICAL SKILLS

- Javascript
- NodeJS
- React
- NextJS, Gatsby
- Jotai, Redux
- Supabase, PlanetScale
- SQL, GraphQL
- Drizzle
- IndexedDB (DexieJS)
- Service Workers (Serwist)
- Tailwind, Styled Components
- Semantic HTML
- Responsive design principles
- Search Engine Optimisation
- Templating (Nunjucks, Eleventy, Jekyll)
- Data Visualisation (Highcharts, D3)
- WebGL (DeckGL, PixiJS)
- Mapping Libraries (MapLibre, LeafletJS, Google Maps API)
- Component Libraries (ShadCN)
- Storybook
- Headless CMS's (Contentful)
- Unit testing (Vitest, RTL)
- Visual Testing (Chromatic)
- Page Speed Insights (LightHouse)

PROFILE

A front-end focused full-stack developer with 8+ years' experience crafting pixel-perfect, user-centric Web applications. Passionate about solving complex problems through clean, scalable code and continuously adapting to emerging technologies. Currently seeking hybrid or remote roles where I can have a meaningful impact, shaping projects from concept to execution while solving ambitious technical challenges.

EXPERIENCE

Sole Founder and Developer

Spot Hub | Aug 2024 - Present

A Progressive Web App designed to fill a gap in the action sports community by combining location mapping with user-generated media, currently in Alpha release

- Researched, evaluated, and selected the technology stack for the PWA, evaluating trade-offs between performance, scalability, cost efficiency and developer experience to choose optimal solutions
- Structured 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
- For further details and code samples see: chrisdale44.github.io/spot-hub

Career break

Sept 2022 - Aug 2024

- Planned travel including freelance photography projects
- Family care and estate executor responsibilities

Senior Front End Developer (Remote)

Shelter Charity | London | July 2019 - Sept 2022

UK's leading housing and homelessness charity, with over 7 million site visits annually

- Worked as part of an interdisciplinary Agile team to re-platform the Shelter website and CMS using latest technologies, following a JAMStack architecture
- Worked closely with the UX and design team to build a reusable component library, prioritising usability and accessibility
- Built new website features, responsive layouts and CMS plugins, delivering clean, modular, unit-tested code both on the front-end and back-end
- Championed accessibility compliance, including the introduction of team accessibility guidelines and automated accessibility testing
- Analysed team processes and implemented strategies for improved workflows, including the introduction of automated tools to assign and remind developers of code review duties, reducing code review bottlenecks, accelerating task completion times and enhancing overall delivery efficiency

- Accessibility Standards (WCAG 2.1)
- Accessibility testing (Axe, Pa11y)
- Cross-browser testing
(BrowserStack)
- Web Analytics (Google Analytics, Google Tag Manager)
- CI/CD (CircleCI, Github Actions)
- Cloud platforms (Netlify, Vercel)
- CDN's (Cloudinary)
- Distributed Caching (Redis, Upstash)
- App Monitoring (Sentry)
- Version Control (Git, Github)
- Code Formatting (ESLint, Prettier)
- Agile Workflows (Scrum, Kanban)
- Team Collaboration Tools (Jira, Github, Slack, Confluence)
- Design Tools (Figma, Canva, Photoshop)

EDUCATION

University of Southampton, 2008-11
BSc 'IT in Organisations'
Computer science and business studies with I.T.
First Class with Honours

Reigate Grammar School
A Levels: A, A, B
GCSE's: 3x A*, 5x A, 2x B

REFERENCES

Available upon request

- Line-managed a junior member of the team, holding regular one-to-one meetings and developing their skills through pair programming sessions
- Upheld coding standards and codebase maintainability through regular code reviews and contributions to team documentation

Associate Web Engineer

ASOS | London | May 2017 - July 2019

A leading online global fashion retailer with over 20 million active users

- Worked as part of a cross-functional Agile team to rebuild the ASOS website using latest technologies, following a micro-services architecture
- Collaborated 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 regularly pair programmed with developers of all standards to aid in knowledge sharing and efficient task completion

Consultant Front End Developer

BAE Systems Creative Services | London | Sept 2015 - Feb 2017

A creative consultancy, where I contributed to the following projects:

- ❖ **Vodafone**
 - Led the development of a data visualisation web application, working collaboratively within a cross-functional team
 - Produced comprehensive documentation and conducted stakeholder training, enabling successful rollout across 20 international websites
- ❖ **British Royal Navy**
 - Collaborated to build a secure and robust hybrid web application
- ❖ **Three Mobile**
 - Solved frontend bugs and restyled the Three Mobile blog microsite
- ❖ **British Home Office**
 - Used responsive design and UX expertise to restyle a data entry portal

Front End Developer

First Utility | London | June 2013 - Sept 2014

An independent, renewable energy supplier within the UK

- Rebuilt the First Utility website as part of a small Agile team, with a focus on responsive design, and took ownership of developing interactive data visualisation charts for customer usage tracking, contributing to the project earning the 2014 Utilities Website of the Year Award

Junior Front End Developer

MyDeco | London | Sept 2012 - May 2013

Junior Full Stack Developer

OpenBet | London | Sept 2011 - Sept 2012

Intern Full Stack Developer

Verve Media | Southampton | Aug 2010 - Sept 2010

Final Year Project

Prints 'n' Photos | Southampton University | Sept 2010 - Sept 2011