

Christopher Dale

Front End Developer

CONTACT

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TECHNICAL SKILLS

- Javascript
- NodeJS
- Front End Frameworks (React)
- SSR/SSG (NextJS, Gatsby)
- State Management (Jotai, Redux)
- Cloud Databases (Supabase, PlanetScale)
- Query Languages (SQL, GraphQL)
- Headless ORM's (Drizzle)
- CDN's (Cloudinary)
- Headless CMS's (Contentful)
- Component Libraries (ShadCN)
- Component Library Workshop (Storybook)
- CSS (Tailwind, Styled Components)
- Semantic HTML
- Responsive design principles
- Web Accessibility (WCAG 2.1)
- Accessibility testing (Axe, Pa11y)
- Search Engine Optimisation
- Data Visualisation (Highcharts, D3)
- WebGL (DeckGL, PixiJS)
- Mapping Libraries (MapLibre, LeafletJS, Google Maps)
- Distributed Caching (Redis, Upstash)
- IndexedDB (DexieJS)

PROFILE

A driven Front-End Developer with 8+ years of industry experience crafting user-friendly, optimised 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 for mapping skateboarding spots and skateboarding media across the globe, currently in alpha release phase

- Worked independently to design, architect, develop and deploy a functional MVP with a focus on performance, usability and scalability
- Strategically prioritised feature development to align with MVP goals, applying efficient time management to rapidly deliver core components
- Iteratively enhanced the product based on user feedback and market research
- Utilised AI development tools to enhance coding efficiency and problem-solving
- For a more detailed technical overview see: chrisdale44.github.io/spot-hub

Career break

Sept 2022 - Aug 2024

- Planned travel including freelance and photography projects
- Family responsibilities due to bereavement, estate executor

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
- 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

- Service Workers (Serwist)
- Unit testing (Vitest, RTL)
- Visual Testing (Chromatic)
- Page Speed Insights (LightHouse)
- Cross-browser testing
(BrowserStack)
- Web Analytics (Google Analytics, Google Tag Manager)
- CI/CD (CircleCI, Github Actions)
- Cloud platforms (Netlify, Vercel)
- 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)
- AI tools (ChatGPT, CoPilot)

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

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 the latest Web 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
- Delivered 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 agency providing consulting services to corporate and government clients, where I delivered front end development expertise across the following projects:

❖ Vodafone

- Led the development of a Web application to promote Vodafone B2B products through a series of business related survey questions followed by a dynamic results page, including data visualisation charts
- Produced comprehensive documentation and trained client stakeholders to customise and deploy the tool to their local markets, enabling successful rollout across 20 international Vodafone websites

❖ British Royal Navy

- Collaborated within a small team to develop a secure, reliable hybrid web application for engineering task management, with robust offline functionality

❖ Three Mobile

- Styled the UI for a newly re-platformed Three Mobile blog microsite

❖ British Home Office

- Styled the UI for an internal-facing data entry portal

Front End Developer

First Utility | London | June 2013 - Sept 2014

A disruptive, independent energy supplier that offered competitive pricing and renewable energy options for UK households

- 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