Christopher Turner

Lead Web Developer | Technical Leader | Full-Stack Engineer

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Professional Summary

Experienced technical architect and team leader with 17+ years in web development and engineering leadership. Specialises in architectural direction for web platforms, mentoring developers, and driving technical strategy. Currently at Alterian, leading the web team, coordinating testing efforts, and establishing development standards.

Proven expertise in modernising technology stacks and translating business requirements into scalable solutions. Strong background in full-stack development, data visualisation, and cloud infrastructure. Experienced in transforming big data into actionable insights and fostering collaboration between technical teams and business stakeholders.

Focused on developing talent and establishing best practices through architectural guidance, hands-on mentoring, and implementing DevOps processes that enhance team productivity and product quality.

Experience

Senior Web Developer ➡ Lead Web Developer

Alterian (2015 to Present)

- **Leadership & Team Development:** Provide technical leadership and mentoring to development team members, guiding Junior Developers into Senior roles while fostering a collaborative culture focused on continuous learning, cross-functional collaboration and code reviews.

- **Product Strategy & UX Enhancement:** Play a key role in product UX improvements, lead design discussions and feature prioritisation aligned with business objectives. Bridge communication between technical and non-technical teams, managing stakeholder expectations and translating business requirements into technical solutions.

- **Technical Architecture:** Led two major technology transformations: First, unified web stack migration to **Angular**, **Material Design**, **Nx monorepos**, **Tailwind CSS**, and **Storybook** with atomic design principles, improving development efficiency and code reusability. Currently leading strategic shift to **GO-based web solutions**, delivering improved developer productivity, enhanced performance, and reduced CI/CD times while expanding UI team capabilities to full-stack development.

- **DevOps & Infrastructure Modernisation:** Led migration from manual 6-weekly deployments to automated CI/CD using **Docker**, **ECS Fargate**, and **Bitbucket Pipelines**, gaining complete deployment control and enabling continuous delivery. Established secure development practices (SSDLC) and a comprehensive testing strategy, reducing deployment risks and improving system reliability.

- **Data Analytics & AI/ML Integration:** Develop data visualisations and insights from large-scale web traffic datasets using data preprocessing and analytics techniques. Built cloud-native architecture across the AWS ecosystem (ECS, Lambda, S3, EventBridge, Terraform) and implemented AWS Bedrock for LLM-powered analytics and conversational data insights.

System Tester ➡ DevOps ➡ Senior Web Developer

Computershare (2008 to 2015)

- **Mobile-First Innovation:** Championed mobile-first and progressive enhancement strategies for legacy applications, establishing responsive design standards adopted across teams.

- **Client Engagement & Stakeholder Management:** Regularly engaged with business clients to demonstrate features, gather feedback, and ensure product evolution aligned with customer needs through structured stakeholder management and requirements analysis.

- **DevOps & Automation:** Transitioned through DevOps role, gaining 3rd line support experience while contributing to feature development across multiple products, coordinating development resources and managing technical risk assessment.

- **Testing Automation:** Introduced automation processes to reduce testing time and improve efficiency. Expanded into wireframing and requirements gathering with product owners, facilitating resource planning and process optimisation.

Core Technical Skills

Frontend: Angular • TypeScript • JavaScript • Tailwind CSS • Angular Material • HTMX • AlpineJS • Responsive Design

Backend & Cloud: GO • Node.js • PHP • AWS (ECS, Lambda, Cognito, S3, EventBridge, DynamoDB, Bedrock) • Terraform

Data & Analytics: Data Visualisation • Big Data Processing • Parquet (DuckDB) • MySQL • Database Design • RESTful APIs

DevOps & Tools: Docker • CI/CD Pipelines • Git • Bitbucket • Nx Monorepos • Figma • Contentful • Storybook

Previous: C# • .NET • ASP.NET • SQL Server • VB6

Projects

Bristol Rowing

bristolrowing.co.uk **Designer, Developer, and Maintainer**

- **Built a comprehensive rowing club website** using Angular frontend with PHP and MySQL backend
- **Delivered CMS solution** enabling the Communication team to manage public-facing content independently
- **Developed a membership portal** including resource management, booking system, treasury/finance tools, and event coordination
- **Manage ongoing maintenance and feature development**, ensuring reliable service for club operations

Education

Bristol University (2005 to 2008)

Computer Science (BSc) – 2:1

Chislehurst and Sidcup Grammar School (1998 to 2005)

GCSEs and A Levels

Additional Leadership Experience

Trustee, City of Bristol Rowing Club (2013 to 2019)

- **Supported strategic direction** for charity serving a large membership base with substantial annual turnover
- **Contributed to operational guidance** ensuring effective delivery of key services and sustainable growth

Head Coach, City of Bristol Rowing Club Women's Squad (2016 to 2021)

- **Led performance sports team**, increasing both participation levels and overall team performance
- **Developed culture focused on individual growth** and process-driven improvement, helping athletes achieve personal excellence
- **Managed team development** balancing competitive goals with athlete wellbeing and long-term progression