

Doug Wadding-Bond | Lead Full-Stack Developer & Solutions Architect

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PROFESSIONAL SUMMARY

Versatile Lead Full-Stack Developer and IT Architect with over 15 years of experience engineering secure, high-availability web, mobile, and enterprise applications. Combines a deep technical background in modern cloud architectures (GCP, Next.js, Flutter) with robust legacy enterprise modernization (.NET, SQL). Recognized as an IAPP Fellow of Information Privacy (FIP) with hands-on experience managing corporate ICO compliance. A former RAF Senior Aircraftsman, bringing military-grade precision, proven departmental leadership, and a track record of managing six-figure budgets to drive business transformation and operational efficiency.

CORE COMPETENCIES & TECHNICAL SKILLS

- Leadership & Strategy: IT Department Management, Budgeting (Six-Figure), Stakeholder Communication, Agile/Scrum, Mentorship, End-to-End Project Delivery.
- Security & Compliance: IAPP Fellow of Information Privacy (FIP), ICO Compliance, DSAR Execution (Microsoft Purview), Data Mapping.
- Languages: C#, JavaScript (ES6+), TypeScript, Dart, HTML5, CSS3, T-SQL.
- Frameworks & Libraries: .NET Core, ASP.NET MVC, React, Next.js, Node.js, Flutter, Tailwind CSS.
- Cloud & Infrastructure: Google Cloud Platform (GCP), Firebase, AWS, Azure, Docker, Active Directory.
- Database & Integration: SQL Server, NoSQL (Firestore), RESTful APIs, ERP Migrations.

PROFESSIONAL EXPERIENCE

CAFE:CONNECT | Remote / UK | *Lead Developer & Architect* | 2023 – Present

Spearheaded the end-to-end architecture and development of a dual-purpose, cloud-based platform for the hospitality sector, supporting both B2C mobile applications and a B2B community hub.

- Architected a highly scalable, serverless ecosystem utilizing GCP and Firebase, handling real-time data synchronization and complex asynchronous notifications.
- Developed a cross-platform B2C application using Dart/Flutter for iOS and Android, alongside a robust B2B web interface built with Next.js 15, React 19, and TypeScript.
- Engineered secure backend APIs via GCP Cloud Functions (Node.js/TypeScript) incorporating complex Firestore NoSQL data models and atomic transactions to ensure data integrity.
- Established modern DevOps practices, implementing Docker containerization and automated CI/CD pipelines via GitHub Actions for seamless, zero-downtime deployments.

Higgidy | West Sussex, UK | *Systems Manager & Lead Developer* | 2016 – 2023

Served on the Senior Management Team during a period of rapid scaling where company turnover tripled. Directed the IT strategy, managed a six-figure departmental budget, and oversaw the full lifecycle of the IT and Development teams.

- Acted as Corporate Privacy Manager, ensuring strict ICO compliance, mapping business-wide data, and executing DSAR requests utilizing Microsoft Purview.
- Led end-to-end digital transformation projects, including the complete migration from Sage 1000 ERP to the Access suite, significantly improving workflows and shop floor integration.
- Directed major infrastructure overhauls, managing the ground-up replacement of site-wide networking infrastructure and server hardware during a multi-building facility expansion.

- Optimized mission-critical database operations, reducing the runtime of core inventory synchronization by 50% through advanced query optimization and indexing strategies.
- Developed a real-time production line monitoring tool (ASP.NET MVC, JS), providing factory managers with instant visibility into throughput and bottlenecks, directly improving operational efficiency and BRC compliance.

Loria Consulting | UK | *CRM Consultant & Senior Developer* | 2015 – 2016

Delivered customized CRM extensions and automation workflows for enterprise clients, including the Institute of Chartered Accountants (ICAEW).

- Engineered a custom offline-capable inspection portal for field engineers (jQuery, Bootstrap, .NET), ensuring seamless data synchronization with Sage CRM upon network reconnection.
- Automated bulk data processing by developing custom C# / VSTO integrations, drastically reducing manual data entry errors for client operations teams.

Havas Helia | UK | *Senior Web Developer & Technical Lead* | 2012 – 2015

Led technical delivery for high-traffic promotional campaigns and enterprise marketing solutions for global brands including EasyJet, Nescafé, and Dove.

- Architected an award-winning data strategy and email platform (Gold for Best Use of Email & Best Data Strategy at the DMAs) for EasyJet, utilizing Oracle/SQL Server to drive complex, personalized customer correspondence.
- Achieved sub-second page load times for graphically intensive campaign sites through rigorous asset minification, CDN implementation, and caching strategies.
- Led the migration of legacy PHP/MySQL platforms to secure ASP.NET/SQL Server environments, significantly enhancing application stability and security for large-scale events.

SilentManager (Fantasy Sports Platform) | AU and UK | *Head of Production (APAC)* | 2009 – 2012

Directed the architecture, development, and 24/7 maintenance of web-based gaming platforms supporting tens of thousands of concurrent users for clients like Microsoft, ESPN, and Yahoo.

- Programmed complex, real-time game logic and leaderboards using C# and T-SQL, ensuring the platform scaled reliably under peak traffic loads.
- Expanded product reach by building a companion iOS app from scratch in Objective-C, successfully launching it on the Apple App Store.

Royal Air Force | UK and deployed | *Senior Aircraftsman* | 2004 – 2009

- Maintained fast jets, aircraft armaments, and assisted escape systems (ejection seats). Operated under extreme pressure, demonstrating rigorous attention to detail, discipline, and strict security protocols.

EDUCATION & CERTIFICATIONS

- Fellow of Information Privacy (FIP) | International Association of Privacy Professionals (IAPP)
- BTEC Level 3 Diploma in Aeronautical Engineering
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- NVQ Level 3 in Aeronautical Engineering