

Arek Adeoye

Solutions Architect/Business Development

Over 22 years of extensive expertise in software development, R&D, and project delivery to high standards.

High-energy leader known for quickly and innovatively solving problems and scaling teams (grew a dev organization from 3 to 23 members in one year at Aon).

Areas of Expertise

Microservices · CQRS · Clean Architecture · Azure & AWS · Docker · CI/CD · OWASP Security · Stakeholder Alignment · Team Enablement · Fintech & Insurance Domains

Tech Stack

Angular, Next.js, Nest.js, SQL Server, C#, .Net Core

Professional Experience

Market Compass

2024 - Current

Solutions Architect

Brought in to build a cutting-edge AI-driven market-analytics platform from the ground up.

Impact: Successfully launching the Market Compass platform on time and on budget.

- **Designed & delivered** a microservices-based architecture (6 Dockerized services) to serve AI models, perform data scraping & analysis, and expose APIs—processed over 200 million records and enabling rapid scale.
- **Implemented CI/CD** pipelines with GitHub Actions & Azure Pipelines for automated, multi-environment deployments—slashing release cycles from days to minutes and supporting bi-weekly feature rollouts.
- **Enforced security best practices** using AWS Cognito for authentication, plus OWASP Top 10 controls (input validation to prevent injection, secure cookies, rate limiting for DDoS), ensuring a robust, production-grade platform.
- **Orchestrated stakeholder alignment** directly with founders: translated vision into technical requirements, refined priorities via regular reviews, and met all functional & non-functional SLAs (80% uptime, sub-400 ms API response).
- **Authored architecture artifacts** (system & component diagrams with Draw.io, supported by detailed requirements docs) as the single source of truth for dev, QA, and executive teams.

Aon

2019 - 2024

Senior Full stack Developer/Dev Team Lead

Led architectural vision and delivery for a multi-tenant API platform within the client's ecosystem..

Impact: Growing a multi-discipline team of 23 people strong to deliver a market leading product.

- **Led Clean Architecture & CQRS** implementation across multiple environments (staging, UAT, production), designing a maintainable, testable framework that supported rapid provisioning and consistent behavior.

- **Automated deployments** with version-matched pipelines—eliminating manual overrides, reducing deployment time from days to minutes, and standardizing six client-facing environments.
- **Coordinated cross-functional stakeholders** (PO, BAs, PMs, DevOps, QA, directors) to resolve feature-scope conflicts via a traffic-light review system and weekly alignment sessions, accelerating decision-making and delivery.
- **Monitored non-functional metrics**—achieving 95% code coverage, 80% uptime, and sub-400 ms API response—by prioritizing automated tests, alerts, and regular load testing.
- **Institutionalized best practices** through “ways of working” guidelines, coding standards, pair programming, and weekly team “coffee hours,” reducing new-hire onboarding from 1 week to 2 days.
- **Presented thought leadership** at a 2023 London recruitment webinar (“How to Be Best Prepared for a New Role as a Software Developer”), earning positive feedback from ~100 attendees.

Previous Roles

Wilmington PLC
Head of Web Development

2008 - 2019

Impact: Played a key part in the Wilmington Group architectural solution when moving to Pulsant. Advocate of embracing new software technologies like latest JavaScript Frameworks and in the process greatly reducing time to market for key products.

- **Key contributor to GDPR** compliance solution and custom CMS that replaced a costly third-party tool.
- Designed collaborative tools and dashboards to track team workloads and project time allocation.
- **Implemented new team collaboration tools** e.g. Jira, as a means of documenting what team members are doing as well as evaluate time spent on projects.
- **Involved in the sourcing** of all external resources.

Education & Professional Development

Microsoft Azure AZ900 Certified
 Microsoft, 2021

BSc (Hons) Computer Sciences
 University Of Westminster, London, 2007

People Management
 PTP Training, London, 2007

Leadership Training
 2009

Microsoft Software Development Course
 IntroTech, London, 2000