Brad Arnst

Senior IT Architect | Delivering Strategic, Integrated Solutions Across Complex Systems and Environments

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Professional Summary

Versatile and experienced Senior IT Architect with a track record of delivering strategic, sustainable architecture across a broad range of industries, technologies, and project types. Adept at operating at the intersection of business and technology, I thrive in ambiguity and bring clarity to complex environments.

My strength lies in making architecture fit — whether designing greenfield systems, integrating legacy platforms, or aligning cross-functional teams around a common goal. I bring depth across enterprise and solutions architecture, combined with the ability to adapt to any methodology, stack, or scale.

With a foundation in both strategic thinking and hands-on execution, I've contributed to initiatives involving integration, modernization, migration, scalability, and business alignment — always with a focus on delivering real-world results, not just ideal-world frameworks.

Core Competencies

Enterprise & Solutions Architecture

- Strategic roadmaps, target operating models, and application portfolio rationalization
- Practical knowledge of TOGAF/ArchiMate; strong alignment of business & IT goals

Cloud & DevOps

- AWS/Azure/GCP experience (multi-cloud, hybrid)
- Containerization and orchestration.
- CI/CD, Infrastructure as Code, serverless
- Observability

API & Integration

- Microservices design, API strategy, API governance & management
- Integration: event-driven, messaging, gateways, ESB, & many other EAI patterns

Security & Compliance & Identity

- IAM, CIAM, SSO
- Data protection, data privacy, GDPR, Open Banking, PSD2
- Familiarity with threat modeling, DevSecOps principles, and Zero Trust concepts

Leadership & Consulting

- Technical leadership & mentoring; stakeholder engagement (C-level to dev teams)
- Engineering direction and transformation
- Agile and Lean methodologies; proven experience driving digital transformation

Architecture Documentation & Modeling

- Skilled at producing clear, strategic documentation, roadmaps, & actionable technical documentation.
- Experience with many architecture and design tools.

Major Initiatives/Projects

- ERP, CIAM, digital transformations, cloud migrations, API strategy, Open Banking, SOA, microservices, integrations, consolidations, migrations, legacy containment,

Additional Experience

- Data lakes, data warehouses, data analytics, SQL, NoSQL, modeling
- Regulatory compliance across multiple industries (finance, healthcare, gov't)
- Vendor relationships

Professional Experience

Recent Career Break—(June 2024 - Aug 2025)

- Took time off to renovate and sell my house in the UK, finalizing my permanent move to France. Then more renovating in our (new to us) house in France. I am now actively seeking new opportunities aligned with my expertise in IT architecture.

Senior Solutions Architect—Euroclear, France (Nov 2023 - May 2024)

- Designed Azure-based digital transformation strategies, aligning architecture with global financial services.
- Led CIAM security frameworks to improve user authentication, access control, and compliance.
- Ensured GDPR compliance across data handling, identity management, and governance policies.

Lead Architect—Ubisoft, France (Jun 2022 - Oct 2023)

- Directed enterprise-wide architectural transformations across Sales, E-Commerce, HR, and Finance.
- Defined API-first strategies and cloud modernization initiatives (AWS, Azure, Kubernetes).
- Architected ERP integrations and governance for large-scale business applications.
- Member of the Technology Advisory Board, guiding strategic IT decisions.

Senior Solutions Architect—Shell via Aubay, UK (Jan 2022 - Jun 2022)

- Consulting with Aubay UK; Senior Solutions Architect at Shell
- Led cloud-native transformation for trading and carbon analytics platforms.

- Designed data pipelines and integration solutions to improve real-time analytics and reporting.
- Developed DevOps and CI/CD strategies to enhance system scalability and performance.

Senior Digital Architect—The AA, UK (Jul 2021 - Jan 2022)

- Delivered digital transformation strategies and cloud-native architecture for high-performance systems.
- Integrated enterprise and data architecture with microservices and cloud platforms (AWS, Azure).
- Led architectural documentation (UML, HLDs), and played a key role in shaping decision-making through the Architecture Review Board.

Digital Architect—Post Office, UK (Apr 2021 - Jul 2021)

- Architected a cloud-native AWS platform, integrating legacy systems for scalability and resilience.
- Guided technical integration and supported vendor selection, while initiating and helping establish the Technical Design Authority function.

Principal Consultant—Buildit @ Wipro Digital, UK (2018 - 2020)

- Consulted on enterprise API strategy, cloud adoption, and microservices.
- Designed secure API platforms for banking and energy clients, ensuring high performance and scalability.
- Led engineering mentorship and transformation programs for technical teams.

Enterprise Architect & Consultant—Various Clients, Global (2010 - 2018)

- Delivered enterprise and solutions architecture across finance, energy, and public sectors.
- Designed API management platforms, cloud adoption roadmaps, and security frameworks.
- Led integration of legacy applications with modern microservices and cloud platforms.

Earlier Roles in Architecture & Leadership (1994 - 2010)

- Held senior architecture and technical leadership roles across finance, energy, telecom, and public sectors.
- Led enterprise transformation projects, including cloud migrations, security frameworks, and large-scale integrations.
- Designed and implemented API-driven architectures and service-oriented solutions before modern microservices adoption.
- Managed cross-functional engineering teams, driving agile adoption and DevOps practices in early implementations.
- Developed highly available, scalable IT infrastructures, setting groundwork for modern cloud-based architectures.

Technical Expertise

Cloud & DevOps

AWS, Azure, GCP, AWS ECS, Kubernetes, Docker, Infrastructure as Code, Terraform, Ansible, CI/CD (Jenkins, Azure devops, CircleCI, GitLab CI)

APIs & Integration

Mulesoft, Apigee, AWS API Gateway, REST, OpenAPI, GraphQL, Kafka, Kong, Swagger, OpenAPI

Architecture

TOGAF, C4, Domain-Driven Design (DDD), event-driven architecture, Diagrams-as-code (PlantUML, Structurizr) Sparx EA, microservices, integration

Security & Compliance & Identity

OAuth, OpenID, Active Directory, LDAP, SAML, JWT

Development Tools

git, Jira, Azure Devops, Github, Gitlab, postman, vscode, neovim, Copilot

Programming Knowledge

JavaScript, Node.js, bash, perl, Python, CSS, HTML, Sass, Tailwind (Architected Java, Spring & .NET projects)

Other

sysadmin, linux, Windows, macOS, dns, apache, nginx, iis, ssl, tls, email, imap, messaging, amqp, mq, jmx, certificates, middleware, networking, trello, kanban, agile, MySQL, PostgreSQL, Oracle, SQL Server, NoSQL, MongoDB

Education & Certifications

Computer Science, Grande Prairie College
Business Impact Leadership Training

Work Preferences

France: Seeking permanent or contract roles (Hybrid/Remote)
Europe: Seeking contract roles (Remote)

Full detailed CV available upon request.