

Spencer Planton

Profile

Technical Lead, Solutions Architect and Business Systems Analyst with extensive experience delivering high-quality software, automation, and database solutions for organisations of all sizes. Highly effective at bridging business and engineering teams, owning technical direction, and leading the end-to-end delivery of scalable systems across renewable energy, environmental services, logistics, finance, manufacturing, and SME operations. Skilled in architecture, SQL Server optimisation, AI-enhanced workflow automation, complex systems integration, domain-driven design, and modern development practices including CI/CD. Recognised for guiding developers, modernising legacy systems, and translating business needs into robust technical solutions tailored to each organisation's scale and goals.

Core Skills

Technical Leadership & Delivery

- Technical Direction & Architecture Ownership
- Mentoring & Developer Guidance
- Domain-Driven Design (DDD)
- CI/CD Pipeline Design & DevOps Collaboration
- Full SDLC Delivery (Agile/Waterfall/RAD)
- Stakeholder & Executive Communication

Engineering & Architecture

- AI-Driven Workflow & Process Automation
- REST API Architecture & Systems Integration
- SQL Server Performance Engineering
- Cloud Architecture (Azure, Microsoft 365, SharePoint)
- Geolocation, Regulatory & Enterprise API Integration

Business & Solutions

- Business Systems Analysis & Process Re-Engineering
- Digital Transformation & Systems Modernisation
- Technical Roadmaps, Standards & Governance
- Compliance-Driven Architecture

Skill Summary

Technical Leadership • Solution Architecture • SQL Server • API Integration • Cloud Engineering (Azure/M365) • CI/CD • DevOps • AI Automation • DDD • Data Architecture

Technical Expertise

Languages & Frameworks:

PHP, JavaScript, jQuery, HTML, CSS, Python, .NET, COBOL, Uniface

Databases:

SQL Server (design, tuning, indexing, migrations, performance), Oracle, Informix

Cloud, Tools & Platforms:

Azure, Microsoft 365, SharePoint, Power Automate, Visual Studio, Adobe CC

Integration:

REST/JSON APIs, AI platforms, Geolocation services, Enterprise/Regulatory APIs (ERP/CRM, DVLA, Environment Agency)

Development Practices:

Domain-Driven Design (DDD), CI/CD pipelines, Git-based workflows, DevOps collaboration

Career Experience

Freelance Consultant

Technical Lead / Solutions Architect (2003 to Present)

Providing full-lifecycle technical leadership, architecture, and high-performance systems development across diverse sectors.

Key Achievements & Responsibilities

- Led technical direction across complex software, database, and automation projects.
- Applied Domain-Driven Design to structure systems around business capabilities.
- Designed and implemented CI/CD pipelines for reliable deployments.
- Delivered AI-driven workflow automation to streamline operations.
- Owned SQL Server performance strategy including advanced tuning and optimisation.
- Architected integrated software platforms combining modern interfaces with secure back-end systems.
- Directed REST API and enterprise integration strategies.
- Provided hands-on technical leadership and development.
- Managed full project lifecycles including planning, road mapping, and risk mitigation.
- Advised senior leaders on modernisation, cloud adoption, AI integration, and technical strategy.

Selected Projects

- **Renewable Energy:** Applied DDD principles to restructure workflows and automate systems.
- **Environmental / Waste Management:** Designed a compliance-led platform enabling regulatory adherence and operational scaling.
- **Logistics (Securicor, DHL):** Technical Lead for legacy system migrations; enhanced delivery using CI/CD practices.

Earlier Career

Securicor Cash Services, Sutton

Contract Consultant (1999 to 2003)

Delivered senior Uniface analysis, development and team leadership during a major replacement of legacy parcel delivery, invoicing and manifest systems.

Key Achievements & Responsibilities

- Led Uniface development across critical logistics applications, including refactoring and modernisation initiatives.
- Managed, trained and supported the in-house development team, improving delivery capability.
- Worked directly with Compuware to resolve complex issues affecting system stability.
- Conducted code reviews, testing and produced high-quality technical and training documentation.

DHL Systems, Hounslow

Contract Consultant (1997 to 1999)

Provided senior Uniface engineering and analysis for a Europe-wide dynamic software configuration platform.

Key Achievements & Responsibilities

- Designed, developed and documented core Uniface modules used across multiple countries.
- Supported the European deployment of configuration management solutions.
- Took ownership of high-priority Uniface issues from distributed teams and third-party suppliers.
- Performed code reviews, unit testing and ongoing maintenance of operational Uniface systems.
- Acted as the primary liaison between DHL and Compuware on all Uniface support matters.

Westinghouse Systems Ltd, Chippenham

Contract Consultant (1997)

Trouble-shooting software issues to help deliver National Grid switchgear control applications, ensuring reliability and safety of critical operational systems.

Key Achievements & Responsibilities

- Diagnosed and resolved business-critical software faults under strict operational deadlines.
- Coordinated with Compuware to close high-impact Uniface issues.
- Trained internal development teams to improve support resilience.

Education & Professional Development

Ongoing development across:

AI automation, DDD, CI/CD & DevOps, Systems integration, Cloud administration, Database optimisation