LAURENT VILLEPIGUE

Senior Solutions Architect | Enterprise Architecture Innovation & Pre-Sales | Transversal Leadership Azure and AWS Certified

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EXECUTIVE SUMMARY

Versatile senior technologist with experience spanning financial services, software, consulting and enterprise technology — combining deep solutions architecture with client advisory, product influence, and team mentoring. Known for bridging the gap between technical possibility, engineering teams and business strategy, designing, migrating, modernising and delivering complex, mission-critical scalable technology, as a natural builder, I thrive in discovery-driven, environments requiring ownership, adaptability and big-picture thinking where novel solutions need to be architected, validated through PoCs, and brought to life with alignment of the technical strategy with business outcomes.

CORE SKILLS

Architecture	Enterprise & Solution Architecture, SOA, Event-Driven, API-First, Microservices, UML, Design Patterns, real-time data systems
Cloud & AI	Azure, AWS, Azure AI Services, Azure OpenAI, Azure Search, Claude Pro, Claude Code, ChatGPT+, Copilot
Integration	Azure Service Bus, RabbitMQ, IBM MQ, FIX Protocol, OpenAPI/Swagger
Development	C#, Java, Python, TypeScript, Kotlin, Swift — full SDLC, TDD, Scrum
Databases	Oracle, SQL Server, PostgreSQL, MySQL, MongoDB, Power BI
Leadership	Pre-Sales, Client Advisory, Mentoring & Coaching, PoC/PoV Development, Stakeholder Engagement

PROFESSIONAL EXPERIENCE

Senior Solutions Architect | Kantar Worldpanel *Apr 2019 – Jan 2026*

- Architected and developed PoCs to validate technology selection for a new consumer data collection platform (mobile & web); led a team of 2 architects
- Mapped the company's global application estate across all business units; presented findings in Power BI identifying systems requiring modernisation
- Advised business analysts on UI/UX design for a consumer survey system, operating beyond the formal architect remit to ensure end-user quality.
- Mentored a junior developer on Terraform, Kubernetes, and Azure DevOps.

Technical Architect | BJSS & Scott Logic *Nov 2018 – Feb 2019*

- Designed integration architecture (AWS, Salesforce, Moodle)
- Delivered PoCs validating complex system integrations
- Modernised legacy ETRM platforms to web-based architectures (DotNet, Oracle)

Senior Consultant | Push Technology *Oct 2014 – Aug 2018*

- Delivered onsite training, architecture consulting, performance tuning, and pre-sales engagements across web, mobile and desktop platforms.
- Built PoCs and PoVs for prospects; authored competitor analysis and a product roadmap to widen market reach.
- Wrote API wrappers in all supported languages (C#, Java, Swift, Kotlin, JS/TS, Python) to simplify client adoption.

Independent Consultant | Financial services *Jul 2011 – Aug 2014*

- **BNP Paribas (London)**: Developed and supported a forex trading position reconciliation system using Oracle Coherence, C#, Java, and Spring MVC.
- **Dexia Asset Management (Brussels)**: Product owner for the Charles River Trading System and Compliance Manager — requirements, specs, development, and training using FIX, C#, Oracle.

Early Career Highlights | Multinational companies *1995 – 2011*

- **Barclays Capital**: Developed a derivatives trading system
- **UBS Investment Bank**: Developed an execution management system
- **Electrabel / GDF Suez**: Designed and integrated an Energy Trading and Risk Platform; coached 2 developers.
- **Société Générale Bank & Trust**: Led an architecture team to integrate systems of an asset-management platform
- **Morgan Stanley**: developed an equity analysis platform for the trading floor
- **Nokia**: Design of a multimedia and messaging system for mobile phones
- **MYSIS**: Rearchitecture of a financial services website
- **Oracle Siebel**: Definition of support processes for the online billing systems for Telco clients

EDUCATION & CERTIFICATIONS

Certifications

AZ-104 Microsoft Azure Administrator
AWS Solutions Architect Associate aws CERTIFIED
AI-102 Azure AI Engineer (in progress)
Oracle Certified Java Enterprise Architect
CMI Leadership and Management Diploma Level 3 (in progress)
HKSI Papers 1, 7, 12 (Securities & Futures)

Education

Licence in Computer Science (Bsc. equivalent), Paris 6 University | University Degree in GUI Programming, Paris 6 University | Chinese Mandarin studies, Zhejiang University, Hangzhou

Languages

English (fluent) | French (native) | Mandarin (intermediate)