WILLIAM GALLINA

VP of Engineering | Director of Software R&D | International Organizations

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📍 Pau, France

PROFESSIONAL EXPERIENCE

Director, Software R&D

Lectra

📅 06/2024 - Present   📍 Bordeaux, France

Global leader in PLM, CAD/CAM software and connected industrial equipment for fashion, automotive, and furniture industries.

- Lead one of the Industry 4.0 R&D Lines, covering cloud and embedded software development, validation & verification, and L3 support. Direct and indirect responsibility for 70+ engineers and managers in an international environment.
- Translate Group R&D strategy into execution-ready roadmaps, ensuring tight alignment across R&D, Product Management, Customer Success, and Delivery.
- Drive a major architectural refactoring of the Valia ecosystem, delivering measurable outcomes including improved cost efficiency at platform level, lower cognitive load for teams, and significantly faster time-to-market.
- Contribute directly to industrial continuity and operational performance through mission-critical software platforms tightly integrated with hardware systems.
- Industrialize Agile practices, improve capacity planning, and scale test automation, increasing delivery velocity and predictability.
- Lead the structured adoption of AI within engineering practices (Copilot, MCP), focusing on team efficiency, software quality, and long-term modernization of R&D processes.

Vice President, Engineering

MSCI

📅 11/2021 - 10/2023   📍 Amsterdam, Netherlands

Global provider of financial indices, analytics platforms, and ESG solutions.

- Recruited, led, and coached engineering organizations of over 100 people across the United States, Europe, and Asia.
- Owned the technology strategy and architectural execution, aligned with business priorities across SaaS, Big Data, and Analytics platforms.
- Led post-acquisition integration, including migration and consolidation of complex infrastructures across AWS, Azure, colocation, and GCP.
- Implemented a security-by-design framework across the entire SDLC, resulting in a 20% reduction in vulnerabilities and improved incident response capabilities.
- Optimized cloud operations and platform administration, achieving a 25% reduction in infrastructure costs while maintaining high availability.

Director, Engineering

Real Capital Analytics

📅 02/2019 - 10/2021   📍 New York, United States

Analytics platform for commercial real estate markets.

- Tripled the engineering organization in 18 months, managing multiple squads and managers (60+).
- Executed the technology roadmap, contributing to annual revenue growth exceeding 30%.
- Established governance based on engineering KPIs, driving a 20% increase in operational efficiency.
- Migrated critical applications to AWS and introduced SRE practices, reducing downtime by 20% and significantly improving product reliability.
- Held full budget ownership, managed vendors, and negotiated strategic contracts.

EXECUTIVE PROFILE

VP of Engineering and Software R&D Director with 17+ years of international experience building, scaling, and transforming engineering organizations at the intersection of software, cloud platforms, data systems, and connected industrial products.

Known for aligning technology strategy with business outcomes and customer value, leading distributed teams at scale (100+ engineers and managers), and driving complex transformations. Proven track record in growth environments, post-acquisition integration, modernization of critical architectures, and industrialization of engineering practices.

CORE SKILLS

Executive leadership & transformation of global engineering organizations

Technology strategy & R&D governance

Complex software architectures. Cloud. SaaS. Data Platforms. Critical systems

Operational excellence. Agile at scale. DevOps. SRE

Security. Compliance & reliability of mission-critical platforms

CERTIFICATIONS

Workpath OKR Coach
2025

Associate Cloud Engineer - Google Cloud
2023

AWS Certified Data Analytics -Specialty - Amazon Web Services
2021

AWS Certified Solutions Architect - Professional - Amazon Web Services
2021

EDUCATION

MBA, Computer Sciences & Finance

American University Kogod School of Business

📍 Washington DC, United States

PROFESSIONAL EXPERIENCE

Director, Quality Engineering
Real Capital Analytics

📅 11/2017 - 01/2019   📍 New York, United States

Analytics platform for commercial real estate markets.

- Structured and industrialized shift-left automated release processes, reducing time-to-production while strengthening software quality and reliability.
- Defined and deployed an enterprise-scale quality and compliance strategy, achieving a 40% reduction in critical defects.
- Contributed directly to customer experience improvements through usage analysis, controlled experimentation, and customer feedback loops.
- Optimized Agile practices, stabilizing team velocity and reducing planning overhead by 15% without impacting delivery capacity.
- Led targeted modernization of the application stack, improving performance, maintainability, and scalability of SaaS platforms.

Early Career. Engineering Leadership & Platforms
SigmaCare | Misys Healthcare Systems

📅 09/2004 - 11/2017   📍 New York | Boston | San Francisco, United States

Healthcare software platforms for long-term and post-acute care.

- Progressive roles from Senior Manager to Director, including the creation of QA Centers of Excellence, CI/CD automation, modernization of technology stacks, and leadership of distributed teams across the US and India.

EDUCATION

Master Finance
Audencia (ESC Nantes)

📍 Nantes, France

LANGUAGES

French
Native
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English
Bilingual
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