

**Daniel Sillion**  
McKinney, TX | [LinkedIn](#)

### SENIOR SOFTWARE ENGINEERING MANAGER

Certified R&D, Product, and Development Manager with 20+ years in Cloud Solutions, Full Stack Development, Machine Learning, and Healthcare Solutions. Expert in architecting and developing scalable cloud-native SaaS solutions, focusing on Healthcare and Financial sectors.

#### TECHNOLOGY SUMMARY

- **Languages & Frameworks:** AWS, .NET Core, C#, Xamarin, React, Angular, TypeScript, Docker, Machine Learning.
- **Design Patterns:** Repository, DDD, CQRS/ES.
- **Compliance Standards:** ISO, GxP, HIPAA, GDPR, CFR 21 Part 11.

#### EXPERIENCE

- **Sr. Manager, Software Engineering, Capital One:** May 2022 - Present
  - Orchestrated AWS CI/CD pipeline; enhanced code quality and reliability.
  - Managed software development teams; implemented enterprise solutions.
- **Manager, Mobile Applications, Abbott:** May 2021 - Apr 2022
  - Led Digital Product Engineering for Neuromodulation devices.
  - Enabled FDA-approved software medical devices; innovated remote programming.
- **R&D Manager | Principal Software Architect, Abbott:** Jan 2017 - May 2021
  - Technical leadership; full project lifecycle expertise.
  - Developed products in a regulated environment; compliance with medical standards.
- **Software Engineering Manager, Abbott:** Mar 2010 - Dec 2016
  - Managed SUNRISE product; web-based laboratory information system.
  - Designed and managed product lifecycle; transitioned SDLC to Agile.
- **Software Engineer, Various Roles:** 2000 - 2010
  - Extensive experience in various software roles, from Network Administrator to Software Engineer.

#### EDUCATION & CERTIFICATIONS

- **Bachelor's degree, Computer Science:** Universitatea „Alexandru Ioan Cuza” din Iași, 1996–2000
- **Certifications:** AWS Certified Solutions Architect, PMP, ScrumMaster, CUA, MCTS, Six Sigma Green Belt.
- **Additional Training:** Software Architecture (Carnegie Mellon), Machine Learning (Udemy), Architecting on AWS.

#### COURSES & TRAINING

- **Carnegie Mellon University:** Software Architecture, 2014
- **Udemy Alumni:** Machine Learning A-Z™, Ultimate AWS Certified Solutions Architect, 2022-2023
- **AWS Training and Certification:** Architecting on AWS, Jun 2022
- **Continued Education:** Ongoing training in AI, Python, ASP.NET, UML, Project Management.

#### LICENSES & AWARDS

- **AWS Certified Solutions Architect:** Expires Aug 2025
- **CUA (Certified Usability Analyst):** HFI (Human Factors International)
- **PMP:** PMI, Expires May 2016
- **Six Sigma Green Belt Professional:** 6sigmastudy.com
- **Abbott Recognitions:** CAPA Initiator/Evaluator, CAPA Investigator.

#### SKILLS

- **Leadership & Strategy:** Team Leadership, SDLC, Agile Methodologies, Scrum, Strategic Planning.
- **Technical Skills:** AWS, .NET Core, SQL, Software Development, Microsoft SQL Server, Databases, Microservices, Serverless Computing, CI/CD.
- **Compliance & Regulations:** Expertise in ISO, GxP, HIPAA, GDPR compliance; led software lifecycle in the regulated medical device industry.