**Daniel Silion**

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**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.