

Summary

Experienced and innovative Technical Director with over 25 years of hands-on development, including with large multinational investment banks as well as small- and mid-sized financial and technical firms. Microsoft Certified in Azure AI Fundamentals. Able to leverage both technical and soft skills to provide clean, efficient solutions while providing vision and leadership to product teams, which has been useful in a variety of additional roles including Product Owner, Scrum Master, Senior Frontend Engineer, and Developer Advocate with a focus on enhancing Developer User Experience.

Senior Application Architect - DevEx Enterprise Engineering

Jun 2024 - Present

Bank of America

- Lead a \$1.5M "Developer Insights" initiative, providing critical SDLC insights to 20,000 developers.
- Influence strategic direction and technology stack decisions for the CIO-1 Senior Leadership Team, shaping future enterprise portfolio planning.
- Serve as GitHub Copilot Ambassador, providing SME guidance and driving adoption of AI-powered development tools across Employee Experience Technology.
- Guide geographically distributed Agile teams in delivering scalable solutions leveraging Angular, Spring Boot microservices, and OpenShift, enhancing product ownership and release train engineering practices.
- Drove a "zero-issues" code quality standard for major enterprise applications, significantly outperforming peer benchmarks in Sonar scan results.
- Design data and API strategies for highly visible internal applications focused on developer experience and productivity domains.

Director of Engineering

Apr 2022 - Jun 2024

Q2 Strategies

- Principal hands-on engineer for an emerging AI-based NLP-to-SQL product feature, driving API integration with open-source and proprietary large language models (LLMs)
- Designed, architected, developed, and maintained operations management software at a multinational Fortune 500 financial institution
- Led key effort to centralize and rationalize 45,000 SOP documents to reduce operational and regulatory risk, impacting 45,000 employees across 1,800 processes and saving many thousands of person-hours
- Managed and mentored a cross-functional Scrum team supporting the Office of the CIO in delivery of flagship product for a Change-The-Bank initiative, with focus on a crisp and engaging user experience
- Worked closely with product ownership and UX designers, partnered with external technical teams to fulfill critical data dependencies, and presented key milestones to executive committees
- Provided both senior leadership and intensive hands-on development contributions in every sprint, including Angular, Q2DM API development, SQL Server, and Tableau
- Built blue/green deployment pattern from scratch and integrated into Gitlab CI/CD pipelines and Ansible job templates

Senior Vice President; System Architect

Apr 2017 – Apr 2022

Bank of America

Senior Architect / Senior Software Engineer / Product Owner

- Ideation, high-level design, hands-on tech lead implementation, and Product Ownership of an enterprise initiative to simplify and streamline the technology change management, resulting in an \$8M savings
- Engaged with executive steering committee to secure funding and promote product advancements
- Led development of cloud native/12 factor applications (Java, Spring Boot, Spring Cloud, Spring Cloud

Contract, MongoDB, Oracle) and system design

- Mentored cross-functional teams in best practices for full-stack development, unit/integration/ acceptance testing, and CI/CD automation (Test-Driven Development, JUnit, Git, Jenkins, Openshift) and initiated multiple Operational Excellence objectives to increase process efficiency and employee satisfaction

Vice President; Applications Program Team Manager

Oct 2013 – Apr 2017

Bank of America

- Designed, developed, and maintained a suite of web applications for internal customers. (Telerik Kendo UI, SQL Server)
- Provided production support and guidance for best practices in full-stack development and related skills/practices. (C#, .Net, MVC, Telerik Kendo UI, jQuery)
- Guided engineering teams on safe practices for working with legacy code. (Characterization tests, breaking dependencies)
- Create, update, and maintain database structures. (Oracle, SQL Server)

Lead Software Engineer

Aug 2010 – Oct 2013

Advantior Systems Corporation

- Lead UI developer of a real-time alarm monitoring and access control security suite for clients such as the U.S. military and large corporations. (Java, Adobe Flex)
- Integrated hardware such as biometric fingerprint readers, signature capture devices, and digital cameras.
- Developed and implemented corporate coding standards as well as leveraging industry-standard frameworks.

Education

University of Central Florida BS, Information Technology

Skills

Node.js • TypeScript • Angular • Spring Boot • Java • Python

Agile Methodologies • Scrum • Ansible • Continuous Integration and Continuous Delivery (CI/CD)

Licenses & Certifications



[Microsoft Azure AI Fundamentals](#) - Microsoft



[SAFe 4 Certified Practitioner](#) - Scaled Agile, Inc.



[SAFe 4 Certified Scrum Master](#) - Scaled Agile, Inc



[SAFe® 4 Certified Agilist](#) - Scaled Agile, Inc



[SAFe® 4 Certified Product Owner/Product Manager](#) - Scaled Agile, Inc.



[SAFe 4 DevOps Practitioner](#) - Scaled Agile, Inc.



[Oracle Certified Associate, Java SE 7 Programmer](#) - Oracle



Oracle Certified Associate, MySQL 5 - Oracle



Kendo UI Certified - Progress Telerik