



## PROFESSIONAL SUMMARY

- Experienced and visionary technology leader with a proven track record of over 30 years in driving IT innovation and delivering state-of-the-art solutions.
- Expertise spans a wide range of technologies, including Data Sciences, Big Data, Microservices, SOA, Blockchain, AI, REST, DCOM, CORBA, SSO, SAML, Low Latency, High Availability, IoT, Embedded Systems, Robotics, SCADA, VOIP, Genesys, NICE, CTI, and OSS Technologies.
- Adept at consensus building, crisis management, problem-solving, and leading large cross-functional teams.
- Strong background in Agile and CMMI processes, DevOps operations, cloud technologies, and security implementations.
- Also as an experienced Enterprise Architect with a strong foundation in TOGAF and Architecture Design Patterns, was specialize in validating third-party software applications and assessing their impact on the overall technology stack.
- My expertise extends to version control, software release schedules, and lifecycle management, ensuring seamless integration and minimal disruption to business operations.
- With extensive experience in PowerApps, SharePoint, and ServiceNow, was skilled in leveraging these tools to track and manage third-party applications effectively.
- TOGAF and Architecture Design Patterns: Deep understanding of architecture frameworks and design patterns, ensuring that solutions align with organizational goals and technology standards.
- Third-Party Application Validation: Proven ability to evaluate third-party software applications and their potential impact on the technology stack.
- Work closely with stakeholders to ensure smooth integration, version compatibility, and alignment with release schedules.
- Version Control and Lifecycle Management: Experience managing software version controls and coordinating release schedules and lifecycles.
- Ensure that all software updates and releases are aligned with business objectives and technical requirements.
- PowerApps, SharePoint, and ServiceNow Expertise: Strong hands-on experience with PowerApps, SharePoint, and ServiceNow, including a deep understanding of ServiceNow's CMDB, versioning, and release processes.
- These tools are crucial for tracking and managing third-party applications within the organization.
- Impact Analysis: Ability to assess and mitigate risks associated with introducing new third-party applications, ensuring the stability and security of the existing technology stack.
- Bring a strategic and technical approach to enterprise architecture, with a focus on optimizing system performance and managing third-party software applications within complex technology environments.

### *Other Credentials and Skills*

- Six Sigma Lean training (Green Belt, Unisys University)
- RUP Project Management (Rational Rose, IBM training and certificate)
- Unisys RUP (URUP) Project Estimation (Unisys University)
- Human Resource Management (CPCC)
- TOGAF (The Open Group Architecture Framework)

### *Social Presence*

- Guest Speaker at UNCC for the systems engineering students graduation class of 2020 ([Link](<https://1drv.ms/v/s!AobpXZb2q6jEhbEzwX5aY2Rz2NR0Wg?e=usHZy2>)).
- Guest Speaker at UNCC for the systems engineering students freshman class of 2020 ([Link]([https://1drv.ms/v/s!AobpXZb2q6jEhbEySjhTGfj00\\_w3Yw?e=J46TjD](https://1drv.ms/v/s!AobpXZb2q6jEhbEySjhTGfj00_w3Yw?e=J46TjD))).
- Webcasts at current employment:
  - [Link 1](<https://www.youtube.com/watch?v=53HVpRqv1Nc>)
  - [Link 2](<https://www.youtube.com/watch?v=2pzYAVad5Eg&t=481s>)
  - [Link 3](<https://www.youtube.com/watch?v=68IVhPI3yLs>)
  - [Link 4](<https://www.youtube.com/watch?v=uPcilB2k7G4>)
  - [Link 5]([https://www.youtube.com/watch?v=wKf7-w\\_Q1\\_c&t=54s](https://www.youtube.com/watch?v=wKf7-w_Q1_c&t=54s))

- [Link 6](<https://www.youtube.com/watch?v=qgeGL1BVWMw>)
- [Link 7](<https://www.youtube.com/watch?v=tUZlc3MVuNM>)
- [Link 8](<https://www.youtube.com/watch?v=u6Od69dHfJE>)
- [Link 9](<https://www.youtube.com/watch?v=d4o47w1BvpA&t=159s>)

## TECHNICAL SUMMARY

*Low-level languages:* C, C++, Objective-C, ARM and Intel Assembly

*High-level languages:* C#, Java, Python, Ruby, ASP.NET, Swift, PHP, JavaScript

*Core .NET technologies:* .NET Core stack

*Core Java Technologies:* Java EE2 stack, Spring Boot

*Web UI technologies:* JavaScript, Bootstrap, Typescript, HTML, CSS, Node.JS, ZEND, PHP, Ruby, ASP.NET core, Angular

*Other UI technologies:* MAUI, WinUI3, WinForms, WPF, UWP, XAMARIN, MFC, Native C++, Xcode (Swift), Swing, SWT, JavaFX, Kotlin, Apple WebKit

*CRM/ERP systems:* Microsoft Dynamics, Salesforce, RedTail, and others

*Development and issues tracking software:* Jira, ClearCase/ClearQuest, Bugzilla, TFS

*IDE Tools:* Visual Studio, Xcode, Android Studio, NetBeans, Eclipse, Code, Komodo, IntelliJ

*Security protocols:* SAML, SSO, WS-\*, OAuth, AWS security framework, Amazon Cognito, AD Security Services, P2PE protocols

*IOC frameworks:* Spring, Guice, MEF, UNITY, Ninject, Structure Map, and others

*CTI Platforms:* Genesys, AWS Connect, Nice, RingCentral, 8x8, Nexidia (by NICE), Cloud Agent

*Cloud platforms:* Azure (15 years), AWS (20 years), AWS CloudFormation

*Databases:* Azure SQL Databases, MS SQL Server, Oracle, MongoDB, SQLite, MySQL, Access, Teradata, PostgreSQL, Azure Cosmos DB

*Message Brokers:* Azure Service Bus Brokered Messaging, IIB, WebSphere Message Broker

*Cloud SAS platforms:* Salesforce, MS Dynamics 365, AZURE, AWS, SAS analytics

*Data formats:* JSON, XML, CSV, EDI

*Web Servers:* IIS, JBoss, WebSphere, Apache, NGINX, Caddy

*Message queuing:* Azure Storage Queuing, MSMQ, IBM MQSeries, TIBCO, Kafka

*Embedded and real-time:* IoT development, low latency trading platforms, real-time 100% availability solutions with low energy consumption.

*Source control:* SourceSafe, TFS, GIT, Subversion

## PROFESSIONAL EXPERIENCE

### Med And Pharma Electronic Technology Services (August 2018 to Present)

Enterprise Architect

- Managed all aspects of IT operations, client engagements, budgeting, and contracts.
- Working with Power Architecture® Processors utilizing Power Architecture® Processors to enhance advanced functionality and implement security features. My work has contributed to driving technological advancements, ensuring optimal performance and efficiency across diverse applications.
- Migrated POS support desks from Genesys and Nice to AWS Connect.
- Led the design, development, and implementation of REST APIs using Golang/C++/C# and ASP.NET Core and Spring Boot Core.
- Working with NXP Semiconductors, I contributed to the development and optimization of microcontrollers and processors that power a wide range of automotive, industrial, and IoT applications. My role involved collaborating with cross-functional teams to design and implement innovative solutions that enhance device performance and security. I utilized my expertise in embedded systems, firmware development, and hardware-software integration to drive projects from concept to completion, ensuring adherence to industry standards and achieving high levels of customer satisfaction.
- Managed day-to-day development operations, implementing policies for advanced development patterns.
- Delivered product roadmaps and AI-powered solutions for pharmaceutical and medical predictions.
- Integrated POS products with various processors, gateways, and CRM systems.

- Migrated and integrated company CV products with Azure and AWS.

#### Interim Chief Technology Officer (CTO) (August 2018 to January 2020)

- Worked on the design and development of web and client UI(s) using UWP, Xamarin, Swift, Java, and JavaScript.
- Managed development teams, delivering revenue cycle and payments automation IT products.
- Integrated POS products with ACH services, gift card services, and government control substance services.
- Implemented reconciliation processes between products and processors, gateways, and banks.
- Integrated company products with CRM(s) such as Microsoft Dynamics, Salesforce, and Red Tail.
- Deep understanding of TOGAF and Architecture Design, ensuring that solutions align with organizational goals and technology standards.
- Proven ability to evaluate third-party software applications and their potential impact on the technology stack. I work closely with stakeholders to ensure smooth integration, version compatibility, and alignment with release schedules.
- Experience managing software version controls and coordinating release schedules and lifecycles. I ensure that all software updates and releases are aligned with business objectives and technical requirements.

#### **Emporos Systems Corporation** (July 2014 to August 2018)

##### Chief Technology Officer (CTO) (2016 to 2018)

- Responsible for developing a POS product using Microsoft and Android development tools.
- Managed onshore-offshore engagements and allocated software and hardware development projects.
- Designed and integrated data flows between CRM applications and internal applications using APIs.
- Budgeted all IT department activities and managed company RFP(s).
- Engaged with clients to manage and satisfy company contracts.
- Strong hands-on experience with PowerApps, SharePoint, and ServiceNow Expertise:SharePoint, and ServiceNow, including a deep understanding of ServiceNow's CMDB, versioning, and release processes. These tools are crucial for tracking and managing third-party applications within the organization.
- Ability to assess and mitigate risks associated with introducing new third-party applications, ensuring the stability and security of the existing technology stack.

##### Solution Architect (2014 to 2016)

- Worked on developing internal applications and APIs using Java EE2, C#, and PHP.
- Integrated company retail products with processors, gateways, and banks.
- Worked on the design and development of new internal architecture projects.
- Developed company ETL processes using frameworks like Snowflake, Informatica, SQL Server ETS, and others.

#### **Advance Database Research And Development Corporation**, Charlotte, NC (June 2007 to March 2012)

##### Chief Information Officer (CIO)

Played a pivotal role in overseeing technology initiatives and driving innovation within the organization.

- Delivered a cutting - edge hardware and software infrastructure for a real-time, low-latency trading platform, positioning the company at the forefront of financial technology.
- Spearheaded the design and implementation of a state-of-the-art real-time, low-latency trading platform, showcasing a deep understanding of financial technology.

- Applied Artificial Intelligence (AI) algorithms to develop and optimize algorithmic trading strategies, contributing to the company's competitive edge in the financial market.
- Leveraged Big Data solutions for processing and analyzing real-time market data, ensuring data-driven decision-making.

#### Solution Architect for Embedded Solutions at ABB

- Led the development of solutions aimed at exposing functionalities to external systems, showcasing a strategic and collaborative approach.
- Collaborated with ABB to deliver embedded solutions, demonstrating expertise in bridging the gap between disparate systems.

#### Solution Architect for Embedded Solutions at Wachovia Bank.

- Investigated disaster recovery and business continuity for critical applications at Wachovia Bank, highlighting a commitment to ensuring the reliability and resilience of mission-critical systems.

#### Director Of Development at Health Solutions Plus

- Managed the development of web-based healthcare solutions, contributing to the advancement of digital healthcare.
- Led the implementation of electronic health record (EHR) systems, showcasing a commitment to leveraging technology for improved healthcare outcomes.
- Applied AI for improving healthcare data analysis and patient care recommendations, contributing to the organization's mission of providing quality healthcare solutions.

#### *Other Key Roles*

#### **Unisys Corporation**

##### Development Team Manager/Document Management System (DMS)

- Managed the development of connectors between "Info Image" and FileNet/Documentum, showcasing expertise in document management systems.
- Led projects related to integrating "Info Image" data with e-commerce portals, demonstrating a holistic understanding of document-centric processes.
- Implemented machine learning algorithms for document categorization and retrieval, contributing to enhanced efficiency in information retrieval.

#### **V3systems**

##### Development Manager/Senior Development Architect (RFID Solutions)

- Spearheaded the development of Radio Frequency Identification (RFID) solutions, contributing to advancements in inventory management.
- Designed and implemented RFID solutions for tracking and managing inventory, showcasing expertise in the Internet of Things (IoT) domain.
- Implemented machine learning algorithms for RFID data analysis and optimization, ensuring data-driven insights for inventory optimization.

#### **EDUCATION AND CERTIFICATIONS**

Bachelor of Science, Computer Science (May 1995)

The University of North Carolina, Charlotte, NC

Bachelor of Art, Economics and International Finance (May 1992)

The University of North Carolina, Charlotte, NC

Post-bachelor studies towards an MBA (Concluded in 1997)  
Queens University

*Certifications*

- MCSE
- IBM Rational Tools

*Professional Organizations Memberships*

- IEEE
- Computer.org
- ACM