Technical Lead & Senior Principal Software Engineer with extensive experience in ASP.NET Core, Angular, and cloud-based architectures. Skilled in building scalable backend services, frontend applications, and system integrations while leading architecture and mentoring cross-functional teams. Strong background in hands-on development, system design, and collaborating with stakeholders to drive technical solutions.

EXPERIENCE  
  
**Senior Principal Software Engineer at Dell Technologies | Austin, TX (remote)** Aug 2021 – Feb 2025 (*dell.com)*

Leadership & Collaboration

* Provided technical leadership and mentorship, guiding engineers in best practices, architecture, and problem-solving.
* Worked with product managers, business leaders, and application consumers to define technical requirements and drive development priorities.
* Led architectural decisions and strategic planning for identity management and global supply chain systems.
* Facilitated cross-team collaboration, ensuring alignment between technical solutions and business goals.
* Practiced paired programming, fostering team collaboration and knowledge sharing.

Technical Contributions

* Designed Kafka-based inter-service communication, enabling scalable, efficient data streaming.
* Developed and Maintained 100+ automated Selenium/Moon tests, improving system reliability.
* Implemented Polly for HTTP resilience, centralizing retry policies and circuit breaking.
* Integrated Pactflow contract testing, enhancing microservice reliability.
* Developed API response stubbing middleware, replacing real API responses with static JSON for consistent test data.
* Contributed to Angular 18 front-end component development.
* Ensured data integrity using FluentValidation before dispatching JSON payloads to Kafka.Process

Improvements & Best Practices

* Managed GitLab CI/CD pipelines for five applications, optimizing deployments.
* Practiced Agile/Scrum, including standups, sprint planning, and retrospectives.
* Tracked project milestones using Jira, ensuring transparency and accountability.
* Advocated Test Driven Development (TDD) to improve code quality and maintainability.
* Created Markdown documentation & Mermaid diagrams for knowledge sharing.
* Monitored KPIs & errors via Splunk, optimizing system performance.
* Ensured code quality & security compliance using SonarQube & Checkmarx.

**Senior Software Engineer at Tech Valley Talent| Ballston Spa, NY (remote)** Sep 2020 – Aug 2021 (*techvtal.com)*

* Developed new applications in C#, ASP.NET Core, Angular, and Azure for the New York Workers' Compensation Board as part of modernization efforts.
* Specialized in developing Microservices using MediatR with Azure Service Bus.
* Oversaw continuous threat modeling, evaluation, and security enhancements alongside integration with state client systems.
* Authored unit and integration tests to support CI/CD pipelines, ensuring high code quality and reliability.
* Mentored team members in best practices, participated in daily code reviews, agile ceremonies, and defect triaging.

**Senior Software Engineer at Nextech Systems | Tampa, FL (remote)** May 2020 – Sep 2020 (*nextech.com)*

* Support and enhance applications in C++, C#, ASP.Net, AngularJS, Angular 7, and SQL Server.
* Troubleshoot application integrations across Azure Cloud and on-premises installations.
* Created E2E tests for Azure build pipelines using Selenium; unit tests in Angular using Jasmine and Karma.

**Senior Software Engineer at RDK Truck Sales | Tampa, FL** Jul 2018 – May 2020 (also Jun 2006 – September 2009) (*rdk.com)*

* Architected and developed a CRM using .Net Core Web Api, Angular 7, Azure SQL, and Azure Devops.
* Integrated the CRM with Procede Software’s Excede API for seamless data synchronization.
* Developed a Windows Service for 3rd party SQL actions and managed CI/CD workflows using Git Flow.

**Senior Software Engineer at Ashley Furniture | Tampa, FL** Jan 2017 – Jul 2018 (*ashleyfurniture.com)*

* Led the development of a security model using OAuth and JWT within an internal financial application.
* Designed Angular components for managing user roles and purchase order processing.
* Created CI/CD pipelines in Azure, maintaining high code coverage and adhering to SOLID principles.

**Senior Software Engineer at Mercury New Media | Tampa, FL** Sept 2016 – Dec 2016 (*mercurynewmedia.com)*

* Developed custom Sitefinity MVC widgets for client integrations.

**Senior Software Engineer at 352 | Tampa, FL** Apr 2016 – Aug 2016 (*352inc.com)*

* Developed client applications, integrating affiliate networks with NodeJS, ExpressJS, MongoDB, and React.

**Senior Software Engineer at AAPL | Tampa, FL** Feb 2014 – Apr 2016 (*physicianleaders.org)*

* Rebuilt corporate website using Sitefinity CMS, integrated with Microsoft CRM and SQL Server.
* Developed APIs, web and mobile applications, and a POS solution enhancing operational efficiency.

**Earlier Roles:**  
Senior Software Engineer at SOE Software | Sep 2009 – Feb 2014

Senior Software Engineer at RDK Truck Sales | Tampa, FL Jun 2006 – Sep 2009  
Senior Software Engineer at Geographic Solutions | Jan 2006 – Jun 2006

Full Stack Developer at PowerChord | Nov 2003 – Dec 2005

WinForms Developer at Sterling Star | Feb 2003 – Nov 2003

EDUCATION  
**Associate of Science in Internet Information Systems**Tampa Technical Institute, Largo, FL

January 2001 – July 2002