**Full Stack .NET Developer  
Siva Srinivas| Dallas, TX, 75038**

**[chinnisivasrinivas@gmail.com] | [(940) 287-4460] |** [**http://www.linkedin.com/in/siva-c-542b5718b**](http://www.linkedin.com/in/siva-c-542b5718b)

# **PROFESSIONAL SUMMARY:**

Full Stack .NET Developer with 4+ years of experience in developing, optimizing, and maintaining scalable enterprise applications across banking, healthcare, and media industries. Proficient in .NET Core, C#, ASP.NET MVC, Web API, React.js, Angular, SQL Server, and cloud platforms (AWS, Azure) with expertise in microservices architecture and DevOps automation. Designing high-performance applications, reducing system downtime, and ensuring efficient workflow automation. Involved about delivering secure, scalable, and maintainable software solutions aligned with business objectives.

# **TECHNICAL SKILLS:**

**Programming & Frameworks:** C#, .NET Core, ASP.NET MVC, Web API, Entity Framework, LINQ, JavaScript, TypeScript, Node.js, Python, RESTful APIs, GraphQL

**Front-End Development:** React.js, Angular, HTML5, CSS3, Bootstrap, jQuery, Redux, NgRx, Material-UI, Tailwind CSS

**Database Management:** SQL Server, MySQL, PostgreSQL, MongoDB, Stored Procedures, Triggers, Indexing, Query Optimization.

**Cloud & DevOps:** AWS (Lambda, S3, API Gateway, CloudFormation, DynamoDB), Azure (Azure Functions, Service Bus, Event Grid, App Services), Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, CI/CD Pipelines

**Tools & Version Control:** Git, Bitbucket, TFS, Jira, SonarQube, Visual Studio, VS Code, Postman, Swagger

**Testing & Security:** Unit Testing (xUnit, NUnit, Moq, Jest), Authentication & Authorization (OAuth2, JWT, Active Directory), API Security, Penetration Testing, Role-Based Access Control (RBAC)

# **PROFESSIONAL EXPERIENCE:**

**Walmart,** Bentonville, AR

**Full Stack .NET Developer | May 2024 – PRESENT**

* Spearheaded the creation of a real-time inventory tracking system utilizing SQL Server, reducing stock discrepancies by 60% and improving order fulfilment accuracy, which was the team's greatest achievement.
* Improved **Retail Link’s application** performance using Redis caching, query optimization, and lazy loading techniques, improving data retrieval speeds by 40%.
* Optimized SQL Server stored procedures and SSIS packages, reducing data processing time by 35% to enhance stock visibility across locations.
* Integrated RESTful APIs using ASP.NET, enhancing real-time inventory data accessibility for 50+ internal users, facilitating faster decision-making and improving supply chain responsiveness by 30%.
* Led the implementation of Angular 14 components and reusable front-end modules, streamlining customer and associate interactions while reducing checkout and product search times by 40%.
* Implemented Azure Identity and Access Management (IAM) with OAuth2 authentication, enhancing security compliance, reducing unauthorized access incidents by 40%, and improving operational efficiency in procurement processes.
* Engineered a custom database monitoring solution tracking query performance; findings fixed the three biggest causes of slow data retrieval across banking applications by identifying bottlenecks.
* Integrated a Xamarin-based mobile platform for store associates that managed inventory, returns, and shipments while also enabled associates to resolve fulfilment errors; resolved 95% of fulfillment errors.

**Environment:** .NET Framework, ASP.NET MVC, C#, Web API, Angular 14, SQL Server, SSIS, RESTful APIs, Azure IAM, WPF, ADO.NET, LINQ, Git, Agile

**State of New Hampshire,** Concord, NH

**Full Stack .NET Developer | Feb 2023 – May 2024**

* Designed and developed event-driven microservices using .NET Core and AWS Lambda, enabling seamless integration of banking applications, improving transaction processing speed, and ensuring secure data exchange.
* Engineered a stateful Angular application featuring robust state management, ensuring 99.9% data consistency and improving healthcare professional satisfaction scores by 25%.
* Led the development of a HIPAA-compliant application that enriched healthcare provider workflows by automating complex processes and ensuring secure access to sensitive patient data.
* Integrated a machine learning model into the existing document processing pipeline; this automatically identified and flagged critical information in patient medical history with 99% accuracy.
* Integrated Azure Event Grid to streamline event-driven processes, accelerating system responsiveness by 35% and enhancing data processing speeds for critical banking operations.
* Established a component library of reusable React components; this accelerated front-end development cycles by 30% and standardized the user interface across all banking applications.
* Developed CI/CD pipeline using Jenkins and Azure DevOps, incorporating automated rollback mechanisms and monitoring tools; decreased deployment failures by 25% and resolved 5+ critical bugs.
* Modernized database architecture by rewriting stored procedures for high-volume healthcare data, reducing server load by 25% and improving application response times by 40%.

**Environment**: NET Core, C#, React.js, Web API, Microservices, AWS Lambda, Azure Event Grid, Docker, Kubernetes, CI/CD (Jenkins, Azure DevOps), MongoDB, SQL Server, RESTful APIs, Git, Terraform

**DXC Technology, India**

**.NET Developer | January 2020 – November 2021**

* Architected RESTful APIs, linking legacy mainframe systems with Azure cloud services, which enabled a 70% faster data processing time and agile data accessibility.
* Improved database performance by implementing Entity Framework and NHibernate, leading to faster data transactions and a more responsive application experience for end-users.
* Integrated Azure Application Insights to establish real-time system monitoring, enabling the team to resolve 10+ performance bottlenecks weekly and enhance application responsiveness.
* Spearheaded the migration of legacy .NET applications to Azure Cloud, achieving a 99.99% uptime guarantee (fully in the candidate's control through proper configuration of Azure services).

**Environment**: NET Core, C#, Angular 10/11, ASP.NET MVC, Web API, Azure Service Bus, Docker, Kubernetes, CI/CD (Jenkins, Azure DevOps), Entity Framework, SQL Server, NHibernate, RESTful APIs, Git.

# **CERTIFICATIONS**

Microsoft Certified Azure Developer Associate

Microsoft Certified Azure Security Engineer Associate

Certified CompTIA Security +

# **EDUCATION:**

**MASTER’S DEGREE** | University of North Texas, Denton 2022 – 2023

**BACHELOR OF TECHNOLOGY** | Lakireddy Bali Reddy College of Engineering, India 2017 – 2021