

VENKATA S S

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PROFESSIONAL SUMMARY

.NET Full Stack Developer with 4 years of experience in designing, developing, and maintaining high-performance web applications. Skilled in modern .NET technologies, cloud-based solutions, and microservices architecture. Adept at delivering scalable, secure, and maintainable software solutions. Experienced in Agile environments and collaboration with cross-functional teams to drive continuous improvements across the SDLC.

TECHNICAL SKILLS

- **Programming Languages:** C#, .NET 5/6/7, ASP.NET Core, VB.NET
- **Web Technologies:** Angular 15+, HTML5, CSS3, JavaScript, TypeScript, Bootstrap, RESTful APIs, gRPC, GraphQL
- **Frameworks & Tools:** ASP.NET Core, Entity Framework Core (Code-First), Dapper, LINQ, SignalR, Blazor
- **Cloud & DevOps:** Microsoft Azure (App Services, Functions, DevOps, AKS), Docker, Kubernetes, Jenkins, Terraform, Azure Monitor
- **Databases:** SQL Server, PostgreSQL, MySQL, T-SQL, NoSQL (MongoDB, Cosmos DB)
- **Version Control:** Git, GitHub, Bitbucket, Azure Repos
- **Testing & Automation:** NUnit, xUnit, Selenium, Postman, Swagger
- **Reporting & Visualization:** Power BI, SQL Server Reporting Services (SSRS)
- **Methodologies:** Agile (Scrum/Kanban), CI/CD pipelines, Code Review Processes

PROFESSIONAL EXPERIENCE

USAA – San Antonio, TX

.NET Developer | July 2023 – Present

- Led the migration of a legacy application to .NET 6, improving scalability and reducing maintenance costs by 30%.
- Developed and optimized RESTful and gRPC APIs, enhancing client-server interactions and performance.
- Integrated Azure services, including Azure Functions and App Services, to achieve serverless architecture.
- Deployed and orchestrated microservices on AKS, enabling modular deployments and scaling.

- Designed dynamic dashboards using Angular 15+ and Blazor, improving the user experience and flexibility.
- Utilized Dapper and Entity Framework Core in a code-first approach for efficient database interactions.
- Managed CI/CD pipelines with Azure DevOps, automated testing, and Docker container deployments across environments.
- Implemented authentication solutions with Azure AD and OAuth, enhancing security compliance.

Key Achievements:

- Spearheaded the transition from monolithic to microservices architecture, leading to a 20% increase in application performance.
- Improved data retrieval speeds by optimizing SQL queries, reducing query execution time by 35%.

Environment: .NET 6, Angular 15+, Azure Cloud, Docker, Kubernetes, SQL Server, Entity Framework, Dapper

Tata Capital – India

.NET Developer | Feb 2020 – Dec 2021

- Developed a financial reporting system with .NET Core, leveraging Azure Cloud SQL Database for scalable data storage.
- Enhanced the New Account Opening (NAO) system using WinForms and integrated with WCF services.
- Conducted database optimization for SQL Server, implementing indexing and query tuning for better performance.
- Built complex, event-driven architecture with Kafka to enable real-time data ingestion and reduce data latency.
- Deployed .NET applications on Google Cloud Platform (GCP) for cost-effective, scalable solutions.

Key Achievements:

- Implemented RESTful API architecture, facilitating seamless data interactions with external systems.
- Improved scalability by transitioning from a monolithic application to a microservices-based architecture.

Environment: .NET Core, SQL Server, Google Cloud Platform, WCF, Kafka, WinForms

PROJECT HIGHLIGHTS

- **Microservices and Cloud Migration:** Architected microservices on Azure, achieving improved modularity and cost efficiency.
 - **Real-Time Data Streaming:** Integrated Kafka for event-driven data processing, enabling real-time insights.
 - **Enhanced API Design:** Developed secure, high-performance APIs with RESTful and gRPC protocols.
 - **Database Optimization:** Tuned SQL and NoSQL databases, achieving faster data retrieval and reducing server load.
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EDUCATION

- Masters in computer information systems – New England College, New Hampshire, USA
 - Bachelors in mechanical engineering – Lovely Professional University, India
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CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900)
- In Progress: Microsoft Certified: Azure Developer Associate