

Srinivasa Nikhil Mallempati

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ABOUT ME:

Full Stack .NET Developer with 5+ years of experience in building enterprise applications, business intelligence solutions, and secure, scalable web platforms using C#, ASP.NET Core, Angular, SQL Server, and Microsoft Azure. Skilled in developing applications from customer specifications to production deployment, designing relational databases, and delivering reporting dashboards and KPIs for decision support. Strong background in Agile/Scrum, DevOps, and TDD practices with proven ability to optimize applications, troubleshoot complex issues, and deliver high-performance business systems.

PROFESSIONAL SUMMARY

- Having 5+ years of experience in software engineering and full-stack development using C#, ASP.NET Core and MVC, Blazor, Web Forms, Angular, React, SQL Server, Oracle SQL and Azure.
- Designed, developed, and maintained enterprise applications that provided analytics, KPIs, and decision support.
- Built and optimized relational databases, stored procedures, functions, and T-SQL queries for high-volume transactional systems.
- Experienced in cloud technologies (Microsoft Azure), DevOps pipelines (Azure DevOps, GitHub Actions).
- Strong knowledge of object-oriented programming, web development, REST APIs, and microservices.
- Skilled in SDLC, Agile/Scrum, Test-Driven Development (TDD), and collaborative version control using Git, GitHub, and JIRA.
- Adept at application support, troubleshooting, and customer engagement to refine business requirements into working software.

TECHNICAL SKILLS

Languages & Frameworks: C#, ASP.NET Core, ASP.NET MVC 5, Blazor, ASP.NET Webforms, Entity Framework, ADO.NET, Dapper, LINQ, Python, PowerShell, SSIS, SSRS
Frontend Technologies: Angular, React, JavaScript, TypeScript, jQuery, Bootstrap, CSS, HTML5

Databases: Microsoft SQL Server 2012+, T-SQL, MySQL, Oracle SQL, MongoDB

Cloud & DevOps: Microsoft Azure, CI/CD Pipelines, Azure DevOps, GitHub Actions, Docker, REST APIs, Microservices, YAML Pipelines

Testing Tools: Selenium, NUNIT, Postman, TDD, Manual Testing

Other Tools: Git, Visual Studio, JIRA, Agile/Scrum

EDUCATION

Master of Science in Computer Science | Saint Leo University, FL | GPA: 3.7

August 2024 to May 2026(Expected)

PROFESSIONAL EXPERIENCE

APT Online Limited(Subsidiary of TCS) | Hyderabad, India

Full Stack .NET Developer | Mar 2023 – Aug 2024

Project: AP Government Pensions Project

- Defined, developed, and maintained pension management software using ASP.NET Core MVC, C#, and SQL Server to support large-scale government beneficiaries.
- Designed relational database schemas, optimized queries, and created stored procedures, views for pension disbursement.
- Built interactive dashboards and reporting modules with Angular for KPI tracking and compliance reporting.
- Developed role-based authentication and authorization to secure sensitive pension data.
- Partnered with business users and IT leadership to refine requirements and improve system performance.

Environment/Tech Stack: ASP.NET MVC, C#, SQL Server, Angular, ADO.NET, Bootstrap, JavaScript, Git, IIS

Energetic Info Solutions | Hyderabad, India

Full Stack .NET Developer | Sep 2021 – Feb 2023

Project: SkyCop project

- Developed enterprise applications with ASP.NET Core MVC, Web APIs, and Angular, delivering scalable solutions from customer specifications.
- Built REST APIs and integrated them with front-end workflows and third-party services.
- Implemented Entity Framework Core with LINQ queries to optimize complex business logic.
- Enhanced decision support capabilities by designing data models and interactive Power BI dashboards.
- Automated deployments with Azure DevOps pipelines and applied Agile/TDD practices to ensure high-quality delivery.

Environment/Tech Stack: ASP.NET Core MVC, Web API, C#, Angular, EF Core, SQL Server, Azure DevOps, Git

Fint Solutions Private Limited | Hyderabad, India

Full Stack .NET Developer | Nov 2019 – Aug 2021

Project: Bank of Hope

- Developed modules for banking applications with ASP.NET MVC, C#, and SQL Server, supporting account management and loan processing.
- Designed and implemented relational databases, optimized queries, and ensured data integrity across critical workflows.
- Built reporting dashboards and BI features for customer transaction monitoring and compliance.
- Integrated APIs for fund transfers and reporting services while applying Agile development practices.
- Collaborated with QA teams to conduct unit, integration, and TDD-based testing.

Environment/Tech Stack: ASP.NET Core MVC, C#, SQL Server, Entity Framework, JavaScript, Bootstrap, NUnit, Git

Bharat Dynamics Limited | Hyderabad, India

Internship | Feb 2017 – Feb 2018

- Designed and developed in-house enterprise applications using ASP.NET MVC and SQL Server.
- Created CRUD operations, reporting modules to support internal departments.
- Migrated legacy systems to ASP.NET Core, modernizing workflows.
- Collaborated in Agile teams to document requirements and deliver user-focused software.

Environment/Tech Stack: ASP.NET MVC, ASP.NET Core, C#, SQL Server, Bootstrap, jQuery, Git, Visual Studio