

# NITHISH NAMANI

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## PROFESSIONAL SUMMARY

- Full Stack .NET Developer with 4+ years of experience building enterprise applications across insurance and energy domains using C#, .NET 8, ASP.NET Core, React, Angular, Entity Framework Core, SQL Server, and Azure.
- Developed secure applications for policy servicing, claims, billing, workforce operations, asset tracking, compliance, and document management, improving efficiency by up to 32% and reducing manual effort by 26%.
- Hands-on experience with REST APIs, microservices, LINQ, dependency injection, JWT, OAuth 2.0, Azure Service Bus, Azure Functions, Azure App Service, Azure SQL, and CI/CD pipelines.
- Improved performance, testing, and release reliability through SQL and EF Core optimization, xUnit, NUnit, Moq, Azure DevOps, Jenkins, and cross-functional collaboration.

## TECHNICAL SKILLS

**Programming & Microsoft Stack:** C#, .NET 8, .NET Core, ASP.NET Core, ASP.NET MVC, ASP.NET Web API, LINQ, ADO.NET, Object-Oriented Programming

**Frontend Development:** React, Angular, TypeScript, JavaScript, HTML5, CSS3, Bootstrap, Angular Material, Razor Views, React Hooks, Reactive Forms, Responsive Web Design

**Backend & API Development:** RESTful APIs, Microservices, Minimal APIs, Dependency Injection, Middleware, Asynchronous Programming, DTOs, AutoMapper, Repository Pattern, API Versioning, Swagger/OpenAPI

**Data Access & Databases:** Entity Framework Core, Microsoft SQL Server, Azure SQL Database, T-SQL, Stored Procedures, Views, Functions, CTEs, Indexing, Query Optimization, Database Design, EF Core Migrations

**Cloud & Microsoft Azure:** Azure App Service, Azure Functions, Azure Storage, Azure Service Bus, Azure Key Vault, Azure Application Insights, Azure Monitor, Azure DevOps

**Security & Integration:** ASP.NET Core Identity, JWT Authentication, OAuth 2.0, Role-Based Access Control, Claims-Based Authorization, CORS, HTTPS, Input Validation, Third-Party API Integration

**Testing & Code Quality:** xUnit, NUnit, Moq, Unit Testing, Integration Testing, API Testing, Postman, SonarQube, Debugging, Code Reviews

**DevOps & Development Tools:** Visual Studio, Visual Studio Code, Git, GitHub, Azure Repos, Azure Pipelines, Jenkins, Docker, CI/CD, NuGet, IIS, Jira

## PROFESSIONAL EXPERIENCE

### Full Stack .NET Developer

Aug 2025 - Present

#### Nationwide | USA | Remote

- Engineered policy-servicing workflows using C#, ASP.NET Core, React, TypeScript, Entity Framework Core, and SQL Server, reducing manual policy-update steps by 22% for customer service teams.
- Accelerated policy and claims searches by restructuring LINQ queries, EF Core projections, SQL Server indexes, and stored procedures, lowering average response time from 4.8 to 3.2 seconds.
- Automated claim-intake validation through ASP.NET Core Web APIs, DTOs, AutoMapper, dependency injection, and business rules, decreasing incomplete claim submissions by 18%.
- Redesigned React-based billing and customer screens with Hooks, TypeScript, Bootstrap, and client-side validation, cutting user-entry corrections by 19% across daily transactions.
- Secured customer and policy endpoints using JWT, OAuth 2.0, claims-based authorization, role-based access control, and Azure Key Vault, reducing access-related support tickets by 21%.
- Orchestrated billing, document, and notification events through Azure Service Bus, REST APIs, JSON contracts, and retry handling, improving successful transaction processing by 17% during peak workloads.
- Expanded automated coverage with xUnit, Moq, Postman, and integration tests for critical claims and policy APIs, reducing regression defects by 24% across four production releases.
- Streamlined release delivery with Azure DevOps, Azure Pipelines, Azure App Service, Application Insights, and cross-team defect reviews, shortening production turnaround by 20% for biweekly deployments.

### .NET Developer

Jul 2020 - Nov 2023

#### Augur Talentcare Private Limited | Client: Abu Dhabi National Oil Company | India

- Developed workforce and shift-allocation modules using C#, ASP.NET MVC, Angular, TypeScript, Entity Framework Core, and SQL Server, reducing spreadsheet-based scheduling effort by 26%.
- Modernized asset inspection workflows by replacing manual forms with responsive Angular screens, reactive forms, Bootstrap, and server-side validation, improving inspection-data accuracy by 20%.
- Integrated employee, equipment, and work-order systems through ASP.NET Core Web API, HttpClient, JSON, and asynchronous processing, decreasing failed synchronization records by 17%.
- Optimized maintenance and inspection reports using T-SQL, CTEs, indexed views, stored procedures, and EF Core queries, reducing dashboard load time by 29% across three operational reports.
- Implemented role-specific access for supervisors, inspectors, planners, and administrators using ASP.NET Core Identity, JWT, HTTPS, and authorization policies, lowering access-control incidents by 21%.

- Refactored duplicated service logic into reusable C# classes with SOLID principles, dependency injection, repositories, and middleware, reducing repeated code by 28% across operational modules.
- Diagnosed production issues involving work-order status, inspection records, API failures, and SQL timeouts using Visual Studio, Postman, application logs, and SQL profiling, cutting recurring incidents by 23%.
- Coordinated UAT, defect resolution, release validation, and IIS deployments with business users, QA, database teams, and onsite coordinators using Git, Jenkins, and Azure DevOps, improving release turnaround by 20%.

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## PROJECTS

### Insurance Agent Commission Calculation Platform

- Built a commission-processing application using C#, .NET 8, ASP.NET Core, Entity Framework Core, and Azure SQL to calculate agent payouts across multiple policy types, reducing manual calculation effort by 31%.
- Automated scheduled commission runs through Azure Functions and LINQ-based business rules, improving monthly payout accuracy to 98% across more than 12,000 transaction records.
- Presented commission summaries through a React and TypeScript dashboard with searchable tables, filters, and export options, helping finance users complete payout reviews 24% faster.

### Customer Coverage Comparison and Quote Portal

- Developed a self-service insurance portal using ASP.NET Core Web API, React, TypeScript, HTML5, CSS3, and Bootstrap, enabling customers to compare coverage options and reducing assisted quote requests by 23%.
- Connected external rating services through REST APIs, JSON, asynchronous programming, and third-party API integration, cutting average quote-generation time from 6.1 seconds to 3.9 seconds.
- Enhanced frontend reliability with reusable React Hooks, responsive layouts, input validation, and Swagger-documented API contracts, lowering incomplete quote submissions by 19%.

### Energy Consumption and Emissions Reporting System

- Created an energy-reporting solution using ASP.NET Core Minimal APIs, ADO.NET, SQL Server, and scheduled background services to consolidate facility consumption data, reducing manual report preparation by 28%.
- Aggregated electricity, fuel, and emissions records through T-SQL functions, views, stored procedures, and database indexing, improving monthly reporting accuracy by 22% across six operational locations.
- Containerized the application with Docker and monitored service health through Azure Monitor and Application Insights, reducing environment setup time by 35% and cutting issue-diagnosis time by 26%.

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## EDUCATION

### Master of Science in Computer Science

Florida Atlantic University | Boca Raton, FL

### Bachelor of Science in Computer Science

GITAM University | Hyderabad, India

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## CERTIFICATIONS

- Microsoft Full-Stack Developer Professional Certificate - **Coursera**
- Microsoft Back-End Developer Professional Certificate - **Coursera**
- Microsoft Getting Started with ASP.NET Core Professional Certificate - **Coursera**
- Microsoft Azure Developer Associate (AZ-204) Exam Prep Professional Certificate - **Coursera**
- .NET Full Stack Developer Specialization - **Coursera**
- Complete ASP.NET Core and Entity Framework Development Specialization - **Coursera**