

SUMMARY

Full Stack Software Engineer with 3+ years of experience developing and deploying scalable applications using **.NET Core**, **C#**, **Spring Boot**, and front-end frameworks like **React.js** and **Angular**. Skilled in delivering secure, cloud-native solutions on **Microsoft Azure**, optimizing performance, and integrating enterprise systems across **finance** and **healthcare** domains. Proficient in **REST API development**, **microservices architecture**, and **CI/CD automation** using **Azure DevOps**, **Docker**, and **Git**. Known for driving 45%+ system efficiency improvements and delivering high-impact features in Agile environments.

SKILLS

Programming Languages: C++, C#, Rust, Java, Python, TypeScript, JavaScript, SQL, LINQ
Backend Frameworks & Architecture: ASP.NET Core (MVC, Web API), Spring Boot, Entity Framework Core, Quartz.NET, Dapper ORM, CQRS, Domain-Driven Design (DDD), RBAC (Role-Based Access Control), Repository Pattern, Clean Architecture
Frontend Technologies: React.js, Angular 12+, HTML5, SCSS, Bootstrap 5, Razor Pages, RxJS, NgRx, Redux
Web & API Development: RESTful APIs, Microservices Architecture, OAuth 2.0, JWT Authentication, OpenAPI (Swagger), SOAP, SignalR
Database & Data Tools: SQL Server 2019, Oracle, Stored Procedures, Query Optimization, Index Tuning, DBCC, SQL Profiler, Redis
Cloud Platforms: Microsoft Azure (App Services, Azure Functions, Azure SQL, Azure Key Vault, Azure AD B2C, Azure Monitor), Kubernetes (AKS), Docker
DevOps & CI/CD: Azure DevOps, Git, GitHub Actions, YAML Pipelines, SonarQube, Postman, Splunk
Testing & Quality Assurance: xUnit, JUnit, NUnit, Moq, Jasmine, Karma, Test-Driven Development (TDD), Regression Testing
Development Practices: Agile (Scrum), SOLID Principles, Secure Coding (PCI DSS, GDPR Compliance), Data Structures and Algorithms (DSA), System Design

EXPERIENCE

Northern Trust, USA <i>Software Engineer</i>	January 2025 – Present
<ul style="list-style-type: none">Spearheaded the development of internal banking tools using ASP.NET Core 6, C#, and Spring Boot, enabling seamless integration between legacy .NET systems and modern Java-based microservices; reduced system downtime by 45% through hybrid architecture optimization.Engineered financial transaction APIs using .NET Web API, Spring Boot REST controllers, and OAuth 2.0 authentication, ensuring PCI DSS compliance and handling over 500,000 secure daily transactions across loan origination and customer servicing portals.Developed and maintained cloud-first applications using Azure Functions, Azure App Services, and Azure Key Vault, supporting critical banking workflows with improved deployment agility and reducing infrastructure costs by 20%.Created modular, responsive front-end components using React.js, TypeScript, and Redux, applying UI/UX best practices to enhance customer onboarding tools—cutting digital form completion time from 5.2 to 2.8 minutes and boosting user engagement.Collaborated on modernizing batch processing pipelines using .NET Core, Quartz.NET, and Spring Batch, replacing legacy Windows services and increasing job throughput by 3x while improving exception handling and retry logic.Implemented automated test coverage with xUnit, Moq, and JUnit across .NET and Java layers, achieving 90%+ test coverage and contributing to a 70% drop in regression issues during monthly releases.Streamlined CI/CD processes using Azure DevOps, Git, and Docker, integrating code quality gates with SonarQube and secrets management via Azure Key Vault, enabling secure, audit-compliant deployments.Participated in Agile ceremonies with cross-functional teams using Scrum, JIRA, and Confluence, contributing to quarterly release cycles with 100% on-time delivery of 12+ enterprise features spanning both .NET and Spring Boot services.	

Cyient, India <i>Full Stack .Net Developer</i>	June 2020 – August 2023
<ul style="list-style-type: none">Engineered and maintained enterprise-grade web applications using ASP.NET Core MVC, C#, and Entity Framework Core, applying SOLID principles, clean architecture, and repository pattern to achieve modular, testable code; improved system maintainability and reduced code churn by 40%.Designed and developed over 25 scalable RESTful and SOAP APIs using .NET Core Web API, Swagger (OpenAPI), and Postman for documentation and testing; these services supported over 100k daily transactions across logistics and manufacturing domains.Built modern, responsive front-end interfaces using Angular 12, TypeScript, RxJS, and NgRx, coupled with SCSS and Bootstrap 5, leading to a 32% reduction in user-reported UI bugs and a 20% improvement in performance metrics like First Contentful Paint.Modernized monolithic systems by architecting and containerizing microservices using Docker, Kubernetes (AKS), and Azure App Services, enabling zero-downtime blue-green deployments and reducing infrastructure costs by 18% through better resource utilization.Automated build and deployment workflows with Azure DevOps Pipelines, YAML scripts, Git, and SonarQube for code quality checks, achieving a 95% reduction in production deployment failures and implementing a robust CI/CD pipeline for multiple environments.Implemented secure, role-based authentication and authorization using ASP.NET Core Identity, JWT Bearer Tokens, and Azure AD B2C, resulting in 100% compliance with internal security audits and GDPR requirements for user data protection.Optimized stored procedures, functions, and complex joins in SQL Server 2019, leveraging SQL Profiler, Query Store, DBCC, and index tuning to cut down long-running query time by 70% and increase report generation efficiency.Collaborated in Agile cross-functional teams using Scrum, JIRA, and Confluence, participating in daily standups, sprint planning, code reviews, and retrospectives, and contributing to delivery of 15+ feature-rich releases with 98% on-time completion rate.	

EDUCATION

Florida State University, FL, USA <i>Masters in Computer Science</i>	August 2023 – May 2025
Sri Venkateswara University, India <i>Bachelors in Electronics and Communication</i>	July 2016 – May 2020

CERTIFICATIONS

<ul style="list-style-type: none">Agile Project Management Professional Certificate by AtlassianCareer Essentials in GitHub Professional Certificate by GitHub	<ul style="list-style-type: none">Google Professional Cloud Architect by GoogleCareer Essentials in Software Development by MicrosoftDocker Foundations Professional Certificate by Docker
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PROJECTS

Distributed Task Scheduler <ul style="list-style-type: none">Built a fault-tolerant task scheduler using .NET Core, Kafka, and Redis Streams for parallel execution across microservices. Containerized with Docker, integrated retry logic, and reduced job latency by 40% via CI/CD deployment.
Scalable URL Shortener <ul style="list-style-type: none">Designed a serverless, high-throughput URL shortener using Node.js, AWS Lambda, API Gateway, Redis, and DynamoDB. Handled 100K+ hits with sub-30ms latency, added analytics, and automated infra using Terraform.
Stock Market Analyzer <ul style="list-style-type: none">Developed a real-time stock prediction system using Python, Kafka, TensorFlow (LSTM), and Flask. Streamed forecasts to Angular via SignalR & deployed containerized services on AWS EC2, improving prediction accuracy by 15%.