**SANJANA**   
| Chicago, IL| Willing to relocate

**PROFESSIONAL SUMMARY**

* 6+ years of experience in end-to-end development (analysis, design, testing, deployment) of Windows-based, web, client/server, and n-tier .NET applications.
* Proficient in full SDLC, including Agile/Scrum methodologies, ensuring on-time, high-quality software delivery.
* Strong expertise in OOAD, OOP, and design patterns (MVC, SOA) for scalable, maintainable solutions.
* Skilled in building scalable web applications using ASP.NET (Web Forms, MVC), C#, ADO.NET, and Entity Framework.
* Hands-on with front-end technologies: HTML5, CSS3, JavaScript, AJAX, jQuery, and client-side validation.
* Expertise in integrating distributed systems via WCF services, RESTful APIs, and web services.
* Proficient in SQL Server database design (stored procedures, triggers, indexes) and efficient querying with LINQ.
* Experienced in DevOps practices: CI/CD pipelines, Git version control, and Docker containerization.
* Familiar with cloud platforms (Azure, AWS) and Azure DevOps for project/release management.
* Knowledgeable in microservices architecture for building scalable, loosely coupled applications.
* Focus on performance tuning, optimization, and security best practices (OWASP guidelines).
* Adept at troubleshooting complex issues in multi-tier applications and ensuring seamless operations.
* Strong communication skills; proven ability to gather requirements, collaborate with cross-functional teams, and adopt new technologies.

**TECHNICAL SKILLS**

* **Languages & Frameworks:** C#, .NET 6/7, ASP.NET Core, MVC, Web API, WCF, Entity Framework Core, LINQ, MVVM, WPF, XAML
* **Cloud & DevOps:**
  + **Azure:** App Services, Functions, DevOps, CI/CD, Azure DevOps
  + **AWS:** EC2, S3, Lambda, RDS, CloudFormation, IAM
  + Docker, Git, GitHub Actions, Jenkins
* **Front-End:** HTML5, CSS3, JavaScript, Angular, jQuery, Bootstrap, Razor Views, Telerik/Kendo UI
* **Databases:** SQL Server (2016+), T-SQL, joins, Sub-queries, Stored Procedures, SSRS, SSIS, Entity Framework, LINQ to SQL, PostgreSQL
* **Architecture & Patterns:** Microservices, SOA, OOP, MVC, Repository, Dependency Injection, Design Patterns
* **Security & Performance:** OWASP Standards, JWT, OAuth, Identity & Claims, Performance Tuning, Caching (Redis)
* **Tools:** Visual Studio 2022, SSMS, Selenium, Postman, IIS

**CERTIFICATIONS**

* AWS Certified Solutions Architect – Associate *(oct 2024)*
* Microsoft Certified: Azure Developer Associate (AZ-204) \_InProgress

PROFESSIONAL EXPERIENCE

**.NET Developer**

Wells Fargo – Remote/USA | Feb 2024 – Present

* Partnered with product owners, security, and operations to gather and refine requirements, authored high-level and detailed design documents in Azure DevOps, and defined acceptance criteria; reduced requirement-related rework by 30% and increased sprint velocity by 18% across four consecutive program increments.
* Engineered ASP.NET Core 7 MVC and Web API services using Clean Architecture, Repository, and Dependency Injection patterns; delivered 24 versioned REST endpoints documented with Swagger/OpenAPI and curated Postman collections, handling ~150K daily requests with 99.95% availability.
* Implemented enterprise-grade authentication/authorization via ASP.NET Core Identity, claims-based RBAC, and JWT/OAuth 2.0 for API access; eliminated unauthorized access incidents and passed OWASP ASVS-aligned SAST/DAST gates with zero critical findings.
* Designed and launched a modular dashboard using Razor Views, partials, Bootstrap 5, and client-side enhancements with jQuery/AJAX; increased System Usability Scale by 20 points and reduced support tickets by 28% by streamlining key workflows and improving client-side validation.
* Modernized legacy WCF/SOAP integration by introducing RESTful facades and compatibility adapters; cut average response latency by 42% and retired 70% of duplicative endpoints while maintaining backward compatibility for critical consumers.
* Built microservices and background workers using .NET 7 Hosted Services with message-based patterns and resilient operations; improved throughput by 2.1x under peak load using Polly policies (retry, circuit breaker, timeout) and structured, correlated logging.
* Modeled domain entities with EF Core Code First and fluent configurations, employed compiled queries and projection optimizations; reduced SQL Server CPU by 35% and improved P95 query time from 780ms to 320ms through targeted indexing and execution plan analysis in SSMS.
* Implemented Redis and in-memory caching strategies for hot reads and expensive aggregates; decreased database round trips by 38% and doubled page render speed for high-traffic views without sacrificing consistency guarantees.
* Containerized services with Docker and established multi-stage CI/CD in Azure DevOps (YAML, gated builds, approvals, variable groups); reduced lead time to production by 55% and enabled zero-downtime releases via Azure App Service deployment slots and automated rollback.
* Strengthened security posture by aligning with OWASP guidelines (anti-forgery tokens, CSP, input/output encoding, secure headers) and centralized secrets in Azure Key Vault with rotation; achieved zero critical vulnerabilities across quarterly security scans and audits.
* Delivered a WPF admin utility using MVVM and XAML for operations to execute safe bulk updates and data fixes; saved ~3 hours per day of manual effort and improved data accuracy to 99% through validation rules, user controls, and audit trails.
* Instituted observability standards with Serilog, Application Insights, and correlation IDs across microservices; created live dashboards and alerting for SLIs/SLOs, cutting mean time to detect by 40% and mean time to recover by 45% during incidents.
* Authored robust unit, integration, and API tests using xUnit, Moq, and TestServer, integrating with Azure Pipelines quality gates; raised code coverage to 78% and reduced regression defects in UAT by 32% across two major releases.
* Optimized front-end performance through bundling/minification, HTTP caching, and deferred/lazy loading of heavy components; reduced Time to Interactive by 37% and improved Lighthouse performance scores across all supported browsers.
* Collaborated with DBAs to design T-SQL stored procedures, indexes, and partitioning strategies; improved nightly batch windows by 50% and reduced deadlocks by 60% by tuning transaction scopes and isolation levels.
* Mentored four junior engineers via pair programming, PR reviews, and workshops on ASP.NET Core, EF Core, and secure coding; decreased average PR cycle time by 22% and raised adherence to coding standards across the team.
* Orchestrated release/change management with Azure Boards, PR policies, and detailed release notes; ensured auditable traceability for SOX-aligned controls and delivered 100% of committed scope on time for eight consecutive sprints.

**.NET DEVELOPER**

ARTECH Infosystems – Remote/USA | Nov 2022 – Dec 2023

* Owned full SDLC execution in an Agile/Scrum setup (two-week sprints, daily standups, retros), writing user stories and acceptance criteria in Azure Boards; achieved 95% sprint goal completion and improved predictability by 20% via tighter backlog refinement.
* Designed and built ASP.NET Core 6 Web APIs with layered architecture, API versioning, and standardized error handling; delivered 30+ endpoints documented in Swagger and Postman, accelerating consumer integration by 35%.
* Implemented secure JWT Bearer authentication with refresh tokens and claims-based policies, plus custom authorization handlers for fine-grained control; attained 100% endpoint coverage and passed penetration tests with zero critical findings.
* Developed BackgroundService and IHostedService workers for asynchronous processing, queueing, and long-running tasks; doubled throughput for heavy jobs and reduced perceived latency by 44% for end users.
* Built a Recycle Bin feature using EF Core soft deletes and global query filters with audit logging; enabled recovery of 98% accidental deletions and cut data-restore support tickets by 70%.
* Centralized configuration with strongly-typed options (IOptionsMonitor) and feature flags; eliminated config drift across environments and reduced configuration-related incidents by 60%.
* Engineered scheduling and export services supporting CSV/PDF/Excel with server-side pagination and streaming; automated 120+ recurring exports weekly, shrinking manual processing time by 75% and improving reliability.
* Delivered a License Management Tool featuring asymmetric cryptography for signing/verification and RBAC admin screens; reduced license violations to near-zero and cut provisioning time from days to hours.
* Contributed to an Installer Tool and automated setup scripts using MSI packaging and PowerShell pre-flight checks; decreased installation time by 80% and halved onboarding issues by validating prerequisites.
* Applied async/await, cancellation tokens, and parallelism to I/O-bound workflows; improved API P95 latency by 41% and increased concurrency without resource contention or thread starvation.
* Collaborated with product, QA, and UX to translate wireframes into accessible Razor views using Bootstrap/jQuery; boosted usability scores by 18% and improved form completion rates via client-side validation.
* Drove code quality through pull request reviews, static analysis, and consistent code style; reduced defect leakage to UAT by 24% and improved maintainability scores in pipeline code-quality gates.
* Implemented CI/CD with Azure DevOps (multi-stage YAML, Docker image builds, environment gates, and secure variables); cut mean deployment time by 60% and moved from monthly to weekly releases with high confidence.
* Instrumented structured logging with Serilog and health checks endpoints, adding correlation IDs for traceability; improved MTTD by 35% and accelerated troubleshooting with centralized log dashboards.
* Tuned PostgreSQL with EXPLAIN/ANALYZE, partial/covering indexes, and vacuum/auto-analyze best practices; reduced high-cost queries by 50% and dropped DB CPU by 33% under peak loads.
* Built automated tests with xUnit and Dockerized integration tests against ephemeral Postgres; lifted coverage to 75% and reduced flakiness by 80% via deterministic seed data and isolated test environments.
* Authored ADRs, API docs, and runbooks, and led knowledge-sharing sessions; reduced developer onboarding time by 40% and improved stakeholder satisfaction in sprint retrospectives.

**SOFTWARE ENGINEER (.NET DEVELOPER)**

EHS Applications – Remote/USA | Sep 2021 – Oct 2022

* Delivered multiple ASP.NET Web Forms modules using master pages, custom user controls, and state management; improved page load performance by 35% via output caching, ViewState trimming, and optimized server controls.
* Mapped complex business entities to SQL Server using ADO.NET (DataSets, DataAdapters, parameterized commands); reduced data access errors by 40% and standardized CRUD operations across the application.
* Translated client requests into actionable technical tasks, prototypes, and acceptance criteria; increased feature adoption by 25% and shortened feedback cycles through frequent demonstrations.
* Remediated critical production issues by profiling T-SQL and refactoring stored procedures; lowered average execution time by 60% and ensured nightly batch jobs consistently met SLA windows.
* Implemented robust error handling with global exception filters and log4net outputs to files and Event Logs; halved time-to-diagnose incidents and improved auditability for compliance reviews.
* Partnered with QA on test planning and created automated smoke tests with Selenium WebDriver; reduced regression escapes by 30% and raised release confidence across iterations.
* Enforced coding standards through PR reviews and pair programming in Git; decreased code smells and duplicated logic by 35% and increased cross-team knowledge sharing.
* Optimized database performance with targeted indexing (covering, filtered, included columns) and statistics maintenance; reduced deadlocks by 45% and improved P95 query latency to under 250ms.
* Designed and deployed SSRS reports with drill-downs and parameterized filters; sped up reporting cycles by three hours weekly and boosted data accuracy to 99% via validation and cross-checks.
* Managed IIS deployments using web.config transforms, controlled app pool recycling, and health checks; cut deployment downtime to under five minutes and improved consistency of rollbacks.
* Strengthened security with OWASP-aligned patterns (input validation, anti-XSS encoding, anti-forgery tokens, least-privilege DB access); achieved zero critical findings in internal vulnerability scans.
* Enhanced client-side responsiveness using HTML5, CSS3, Bootstrap, and jQuery AJAX; reduced validation errors by 40% and improved mobile compatibility across supported devices.
* Refactored data access to minimize round trips and adopt batch operations; improved throughput for data-heavy pages by 2x and reduced connection pool saturation.
* Built and optimized stored procedures, views, and triggers to enforce business rules and integrity; lowered application-level validation logic by 20% and increased consistency across modules.
* Utilized SSMS and SQL Agent for controlled schema changes and scheduled maintenance; reduced after-hours DBA interventions by 50% through proactive monitoring and scripted jobs.
* Maintained technical documentation and release notes, and delivered end-user training; reduced support tickets by 22% and improved customer satisfaction scores in post-release surveys.
* Collaborated daily with product owners, business analysts, and stakeholders to clarify requirements and manage scope; achieved 100% on-time delivery across two consecutive quarters while keeping defect density below targets.

**.NET DEVELOPER**

MS TECH IT Solutions – Hyderabad, India | Sep 2019 – Aug 2021

* Practiced Agile/Scrum with bi-weekly sprints, backlog refinement, and demos; increased delivery predictability by 20% and improved stakeholder transparency through regular showcases.
* Developed ASP.NET Web Forms and Windows Forms solutions in C# with Visual Studio 2008, integrating SQL Server backends; shipped 15+ modules and improved end-user task completion time by 30% through iterative UX refinement.
* Built WCF services aligned to SOA with message/transport security, reliable sessions, and throttling; supported 10K+ daily requests and raised service reliability to 99.9% uptime under monitored load.
* Implemented advanced WCF capabilities including fault and callback contracts, concurrency/instancing configuration, and performance tuning; reduced service-side exceptions by 45% and improved throughput by 35%.
* Created operational and audit reports using SSRS and Crystal Reports with export to PDF/Excel; delivered 40+ reports, cutting manual reporting time by 70% and increasing data accuracy to 98% via standardized datasets.
* Leveraged Telerik UI controls and client-side scripting (JavaScript/jQuery) to build rich Web Forms experiences; decreased UI development time by 20% and boosted usability per stakeholder feedback sessions.
* Employed ADO.NET for data access across SQL Server 2005/2008 and MS Access with parameterized queries and transactions; eliminated SQL injection vectors and reduced data-related defects by 30%.
* Used LINQ to SQL and extension methods to simplify complex joins and projections; reduced boilerplate by 25% and accelerated feature delivery through more concise, testable code.
* Integrated SOAP-based services leveraging XML, WSDL, UDDI, and WS-I Basic Profile compliance; improved interoperability with third parties and reduced integration defects by 40% across releases.
* Implemented client-side validation and AJAX partial updates to enhance responsiveness; lowered form submission errors by 35% and improved perceived performance without full page reloads.
* Developed and maintained COM/DCOM interoperability components to interface with critical legacy modules; avoided a projected three-month rewrite and supported 100% of legacy workflows during phased modernization.
* Deployed and configured applications on IIS with dedicated app pools, URL rewriting, and custom error handling; reduced release downtime to under 10 minutes and improved diagnostics with detailed error pages and logs.
* Tuned performance via caching strategies, connection pooling, and asynchronous operations where applicable; improved average page load by 32% and reduced CPU utilization during peak traffic windows.
* Enhanced security with hashed/salted credentials, role-based authorization, and secure configuration (HTTPS enforcement, least-privilege access); passed internal audits with zero high-severity findings.
* Collaborated with QA on test plans and executed integration testing using Postman and manual suites; decreased UAT defect leakage by 22% and improved release quality metrics.
* Authored technical documentation, installation guides, and knowledge articles; reduced onboarding time for new developers by 35% and standardized release processes across teams.
* Coordinated with cross-functional teams and customers to clarify requirements and provide status updates; achieved 98% on-time delivery across six major releases and maintained high customer satisfaction scores.

**EDUCATION**

* Master of Computer and Information Sciences, Concordia University Wisconsin
* Bachelor of Technology in Computer Science Engineering, Jawaharlal Nehru Technological University, Hyderabad