

Harshavardhan Battula
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Full Stack .Net Developer

Professional summary:

Accomplished Full Stack .NET Developer with 5+ years of extensive experience in the software industry, specializing in Microsoft .NET, JavaScript frameworks, and cloud-based solutions. Proven expertise in designing, developing, and maintaining scalable web applications, enterprise software, and cloud-based SaaS solutions using C#, ASP.NET Core, .NET 8, Entity Framework Core, Dapper, Angular, React, Blazor, TypeScript, and SQL Server. Skilled in microservices architecture, RESTful API development, and cloud computing with Azure and AWS, ensuring high availability and optimal performance.

Technical Skills:

Programming Languages:	C, C#, LINQ
Front end Technology	Angular 16, React, React Native, TypeScript, JavaScript, jQuery, Bootstrap, Angular Material, HTML5, CSS3
Back End Technology	C#, ASP.NET Core, .NET Framework 4.5+, .NET 8, MVC, Web API, WCF, Microservices, Blazor, Dapper, Entity Framework Core, LINQ, ADO.NET, Python.
Databases	SQL Server, MS Access, MySQL, Oracle 8i/9i/10g/11g, PostgreSQL, TSQL
Cloud & DevOps	Azure App Service, Azure Service Bus, Azure Functions, Azure APIM, Logic Apps, Azure Key Vault, Azure API, SQL, Azure Active Directory, Kubernetes
Testing & Automation	xUnit, , Postman, Jest, Cypress, Jasmine ,Playwright
API Architectures & Web Services	RESTful APIs, GraphQL, OpenAPI (Swagger), FIX Protocol, SOAP UI
Monitoring & Logging	ELK Stack (Elasticsearch, Logstash, Kibana), Serilog, AWS CloudWatch, AWS X-Ray
Version Control & Collaboration	Bitbucket (Git), GitHub, Gitlab, TFS
CI/CD & Deployment	Jenkins, GitLab CI/CD, Docker, Kubernetes, Azure Devops
Documentation & Tracking	SonarQube, UML Diagrams, MS Visio, SharePoint, Microsoft Office Suite.

Employment History:

SR .NET Full Stack Developer

June 2024 - Present

Client: State street, Texas

Responsibilities:

- Developed enterprise-grade financial reporting modules using C#, .NET Core, ASP.NET MVC, and Entity Framework Core, enabling real-time data aggregation and Basel III compliance.
- Designed and implemented high-throughput RESTful APIs (ASP.NET Core Web API) and *gRPC* services to securely transmit financial and transactional data across banking platforms.
- Configured ASP.NET Core Identity with role-based access control (RBAC) and integrated Azure AD for secure user authentication and authorization.
- Analyzed large datasets with LINQ and Entity Framework, then collaborated with the Power BI team to optimize data models and reporting pipelines for portfolio trends, returns, performance, and risk visualization.
- Coordinated with third-party vendors to integrate external REST APIs and real-time market data feeds (JSON/XML) into trading systems.
- Integrated SharePoint Online via Microsoft Graph API to securely store and share reports and dashboards with internal teams, ensuring centralized document management and version control.
- Utilized Azure Service Bus queues for decoupled, reliable message processing between distributed microservices, supporting high-volume transaction scenarios.
- Implemented background jobs using Hangfire and Azure Functions (Timer Trigger with CRON expressions) to automate reporting and data-sync tasks without impacting live system performance.
- Integrated SendGrid via its REST API and Handlebars.js templates to deliver automated, secure email notifications for report distribution, compliance alerts, and transactional updates.
- Leveraged Azure Cache for Redis to optimize performance and reduce latency in data-intensive modules by caching frequently accessed records.
- Automated CI/CD with Azure DevOps Pipelines (YAML), incorporating build, test (xUnit/NUnit), and release stages for faster, more reliable delivery of financial applications.
- Developed dynamic, responsive user interfaces using Angular (components, services, modules), including Reactive Forms and lazy loading to display financial data efficiently.
- Performed thorough code reviews to ensure quality and consistency, while also learning and adopting best practices from peer contributions.

Responsibilities:

- Led client projects from initial requirements gathering through analysis, design, development, testing, and deployment, ensuring tailored solutions aligned with business objectives and industry best practices.
- Engineered end-to-end applications using the latest .NET technologies, building scalable backend services and dynamic front-end applications with Angular 14.
- Utilized Blazor Server and Web Assembly (WASM) to develop rich interactive web applications, selecting the optimal model based on project demands.
- Implemented backend logic using Spring MVC/Spring Boot/Spring Security for secure applications.
- Designed and developed highly responsive UI components using HTML5, CSS3, Bootstrap, and Angular Material, ensuring cross-platform and cross-browser compatibility.
- Designed API-driven integration solutions to enable seamless communication between systems using modern middleware technologies.
- Optimized database performance with advanced T-SQL, indexing, stored procedures, and triggers.
- Employed Newtonsoft.Json for parsing, serializing, and deserializing structured data within API responses.
- Developed secure, high-performance REST APIs that facilitate efficient data exchange while adhering to industry standards and compliance guidelines.
- Validated and processed complex electronic lab reporting (ELR) data in HL7 format, ensuring seamless integration and transformation.
- Leveraged AWS Lambda and Azure Functions to implement serverless computing, streamlining data processing and system interactions.
- Integrated OpenAI's GPT for automation and predictive analytics, enhancing business processes through AI-driven solutions.
- Designed and maintained CI/CD pipelines using Azure DevOps, GitHub Actions, and Jenkins, utilizing YAML for automation and seamless deployments.
- Developed automation scripts and background tasks using PowerShell and Azure Automation, increasing operational reliability.
- Created data visualization and reporting dashboards using Power BI and SQL Server Reporting Services (SSRS), providing actionable insights for business decisions.

Full Stack .Net Developer
Cognizant, India

Feb 2019 - Sep 2021

- Operated within an Agile development environment, accelerating application delivery while maintaining high-quality standards.
- Participated in Sprint Planning, Daily Stand-ups, Design Discussions, Sprint Demos, and Retrospectives, ensuring smooth execution throughout the development lifecycle.
- Engineered user-friendly, responsive web applications leveraging .NET Framework, AJAX, CSS, Bootstrap, HTML, jQuery, and JavaScript to enhance UI/UX.
- Designed and implemented backend logic using Spring MVC, Spring Boot, and Spring Security, ensuring secure and scalable applications.
- Leveraged Spring IoC (Inversion of Control) to inject dependencies efficiently, promoting modular and maintainable code.
- Developed Razor Pages in an ASP.NET MVC-based web application, using C# for backend logic and SQL Server for data storage.
- Created feature-rich Angular applications, optimizing performance with lazy loading and modular feature integration.
- Designed and optimized SQL Server database objects, including Stored Procedures, Triggers, Tables, Views, and Joins for seamless data management.
- Managed containerized applications with Azure Kubernetes Service (AKS), improving orchestration and scalability of microservices.
- Developed WinForms-based desktop applications in C# for intuitive data visualization and robust reporting.
- Leveraged Azure API Management to oversee the full API lifecycle, enhancing security, monitoring, and scalability.
- Wrote optimized T-SQL queries and stored procedures to synchronize data across multiple systems efficiently.
- Implemented Data Grids, Data Sets, Data Views, and Data Adapters to retrieve and manipulate backend data seamlessly.
- Designed and executed unit tests to validate code quality, ensuring compliance with client coding standards.
- Delivered projects using Scrum-based Agile methodology, from initial requirement gathering to final deployment.
- Developed MVC3-based applications using ASPX View Engine, adhering to .NET framework design principles.
- Built WinForms-based financial tools for automated transaction processing and data entry operations.
- Spearheaded analysis, design, and development of new public site features, utilizing ASP.NET, JavaScript, XSL, XML, SQL, and C#.
- Integrated APIs using Azure API Management ensuring security and scalability.
- Participated in full Agile lifecycle with Sprint Planning, Demos, and Retrospectives.
- Designed database constraints and triggers to uphold data integrity and prevent anomalies.
- Integrated jQuery AJAX with server-side APIs, enabling real-time data updates without requiring full-page refreshes.

Education

Masters in Computer Science
University of Central Missouri, Warrensburg, MO, USA

Bachelors in Electronics and communications Engineering.
Jawaharlal Nehru Technological University Hyderabad.