**Sai Chaitanya Munta**

**Senior Full Stack .Net Developer**

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**Professional Summary:**

* 11 years of experience designing and developing full-stack web and desktop applications across healthcare, finance, and government domains.
* Expert in **C#, ASP.NET MVC (4/5), ASP.NET Core (1.0–7.0), VB.NET**, and **Entity Framework** (Code First & DB First) for building modular, scalable solutions.
* Proficient in **Angular (1.x to 17)**, **React.js**, **JavaScript**, **TypeScript**, **HTML5**, **CSS3**, and **Razor Views** for developing dynamic, responsive UIs.
* Built and consumed **RESTful and SOAP APIs** using **Web API**, **WCF**, and **ASMX**; integrated with external/internal systems using **OAuth2**, **JWT**, and **SSO**.
* Experience modernizing legacy systems including **VB6**, **WinForms**, **Web Forms**, **COBOL**, and **Classic ASP** into .NET Core and Angular-based applications.
* Skilled in asynchronous messaging and event-driven architecture using **Azure Service Bus**, **RabbitMQ**, **Kafka**, and **MSMQ**.
* Strong cloud experience with **Azure** (App Services, SQL DB, Blob Storage, Service Bus, Data Factory) and **AWS** (EC2, Lambda, S3, API Gateway, IAM).
* Hands-on DevOps experience using **GitHub Actions**, **Azure DevOps**, **Jenkins**, **Docker**, and **Kubernetes** for CI/CD and cloud-native deployments.
* Built data pipelines and ETL solutions using **Python (2.7 & 3.x)**, **SSIS**, **SQL Server**, and **Snowflake**; strong in **T-SQL**, **PL/SQL**, and **reporting with SSRS**.
* Implemented security and compliance practices across applications using **SSL/TLS**, **Azure AD**, **HIPAA standards**, and static analysis tools like **SonarQube**, **Snyk**, and **Checkmarx**.
* Experienced in Agile/Scrum delivery with strong collaboration skills using **Git**, **GitHub**, **TFS**, **JIRA**, and leading sprint execution and team communication.
* Proficient in automated and unit testing with **NUnit**, **Selenium**, **Postman**, **Jasmine**, **Karma**, and Visual Studio Test Manager.

**Education:**

**Bachelor’s in Computer Science and Engineering, GNITC, India.**

**Technical Skills:**

| Microsoft Technologies | .NET Framework (3.5–4.8), ASP.NET MVC (4/5), ASP.NET Core (1.0–7.0), ADO.NET, WCF, Entity Framework (5/6/Core), LINQ, Razor Views, Blazor, WinForms, Xamarin, TFS |
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| Programming Languages | C, C++, C#, VB.NET, Python (2.7, 3.8–3.10), COBOL (legacy), PowerShell, Shell Scripting, TypeScript |
| WebScripting Languages | JavaScript (ES5/ES6), TypeScript, jQuery, JSON, XML, CSS3, HTML5, AJAX |
| Web Technologies | ASP.NET, ASP.NET MVC, ASP.NET Core, Razor, Web API (REST), WCF (SOAP), AngularJS (1.x), Angular (8, 14, 16, 17), React.js, Bootstrap, Knockout.js, Kendo UI, Vue.js, FastAPI, Node.js, Express.js, XAML, ArcGIS API for JavaScript |
| Database Technologies | SQL Server (2008–2019), T-SQL, PostgreSQL, MongoDB, Snowflake, Oracle (10g/11g), MySQL, PL/SQL, Stored Procedures, Triggers, Views, SSIS, SSRS |
| XML Technologies | XML, XHTML, JSON, SOAP, WSDL, Web Services (SOAP/REST), XSL, XSLT |
| Operating Systems | Windows 10, 11, Windows Server (2012/2016/2019) |
| Software/Tools | Visual Studio (2012–2022), VS Code, Postman, Swagger UI, Docker, Kubernetes, GitHub, GitHub Actions, Jenkins, Azure DevOps, Azure CLI, SonarQube |
| Modeling Tools | UML, Rational Rose, MVC, MVVM, MVP, Repository Pattern, Dependency Injection |
| Cloud | Azure (App Service, SQL DB, Service Bus, Blob Storage, Data Factory),AWS (EC2, S3, Lambda, RDS, CloudWatch, API Gateway) |
| Testing Tools | NUnit, Selenium WebDriver, Jasmine, Karma, Jest, MSTest, Postman, Visual Studio Test Manager |
| Version Control Tools | Git, GitHub, Azure Repos, TFS |

**Professional Experience**

**Role:Sr. Full Stack .Net Developer**

**Client : State Of Minnesota June 2023 – Present**

**St. Paul, MN**

**Responsibilities:**

* Developed RESTful APIs using **ASP.NET Core 7.0**, **C#**, and **Entity Framework Core (Code-First)** with Repository and Unit of Work patterns to manage clean, testable backend logic.
* Engineered dynamic, mobile-responsive UI components using **Angular 16**, implementing **lazy loading**, **route guards**, and **reactive forms** to enhance user performance and maintainability.
* Integrated **ArcGIS API for JavaScript** within Angular to visualize geospatial permit and event data with real-time filters, spatial overlays, and interactive mapping.
* Migrated legacy VB.NET modules into modern MVC .NET Core architecture, ensuring functional parity and improved maintainability.
* Refactored COBOL-based batch processes into .NET Core APIs, decoupled via **Azure Service Bus**, and accelerated with **Redis Cache** for high-speed access to time-sensitive data.
* Implemented secure, token-based authentication using **ASP.NET Core Identity** and **JWT**, enforcing multi-role access across internal and mobile-facing applications.
* Supported internal mobile app consumption by exposing .NET Core APIs, and contributed to Xamarin-based UI logic for mobile task tracking and data submission.
* Designed and optimized stored procedures, views, and functions in **SQL Server 2019**, and built integrated **SSRS** reports for billing and operational use cases.
* Built CI/CD pipelines using **GitHub Actions** post-migration from Azure DevOps, automating test/build/release for both .NET Core and Angular apps.
* Conducted ETL development using **Python 3.10**, ingesting and transforming legacy **DB2** datasets into **Snowflake** for analytics workloads.
* Contributed to a phased **data migration strategy** from DB2 to **Azure SQL** and Snowflake, validating data integrity and optimizing performance.
* Embedded **SonarQube**, **Checkmarx**, and **Snyk** into the pipeline for continuous code quality checks and static vulnerability scanning.
* Participated in Agile sprint ceremonies including daily stand-ups, backlog grooming, and sprint retrospectives to align development with business goals.
* Collaborated with DevOps and business teams to transition version control and deployment workflows from **TFS/Azure DevOps** to **GitHub**, improving branching, reviews, and release traceability.

| **Environment:**ASP.NET Core 7.0, C#, Entity Framework Core, Angular 16, ArcGIS API for JavaScript, Xamarin, RESTful Web API, VB.NET, COBOL, SQL Server 2019, SSRS, Redis Cache, Azure SQL, Azure Service Bus, Snowflake, DB2, Python 3.10, GitHub Actions, Azure DevOps, SonarQube, Checkmarx, Snyk, Agile |
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**Role:Sr. Full Stack .Net Web Developer**

**Client: Finra March 2022 – May 2023 Overland Park, KS**

 **Responsibilities:**

* Participated in requirement gathering and architecture planning for modernizing legacy COBOL and DB2 applications, ensuring alignment with **FINRA regulatory** and **SOX compliance** standards.
* Migrated Web Forms and VB.NET applications to **ASP.NET Core 6**, implementing **N-tier architecture**, modular components, and shared service layers.
* Developed secure, scalable APIs using **ASP.NET Core Web API**, incorporating **Dependency Injection**, **JWT-based authentication**, and **RESTful design principles**.
* Modernized legacy front-end modules by upgrading **AngularJS** and **React** components to **Angular 12+**, while integrating **Razor Views** for hybrid server-side rendering.
* Created optimized T-SQL stored procedures and views in **SQL Server 2022**, and supported reporting and archival workflows using **Oracle 11g**.
* Re-architected COBOL-based batch processes into asynchronous **.NET 6 APIs**, using **Azure Service Bus** for decoupled messaging and **Redis Cache** for performance.
* Replaced legacy Python 2.7 ETL scripts with modern **Python 3.x-based data pipelines** for integration, transformation, and downstream API connectivity.
* Integrated predictive machine learning outputs from internal models into .NET backend services, exposing results securely via authenticated endpoints.
* Led the transition from **Azure DevOps/TFS** to **GitHub**, implementing GitHub Actions for CI/CD pipelines and integrating **Snyk**, **Checkmarx**, and **SonarQube** for static analysis and security scanning.
* Containerized .NET and Angular services using **Docker**, and developed automated test suites to maintain build integrity and deployment stability.
* Provided Level 3 production support, troubleshooting issues related to performance, user authentication, and cross-system data discrepancies.
* Coordinated the migration of Agile workflow assets (dashboards, wikis, boards) to **GitHub Projects**, improving sprint visibility and collaboration.

| **Environment:**ASP.NET Core 6, C#, Angular 12+, Razor Views, RESTful APIs, JWT, Docker, VB.NET, Web Forms, SQL Server 2022, Oracle 11g, Redis Cache, Azure Service Bus, GitHub Actions, Azure DevOps, TFS, Python 3.x, SonarQube, Checkmarx, Snyk, Agile |
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**Role: Sr .Net Developer**

**Client: UnitedHealth Group December 2020 – January 2022**

**Minnetonka, Minnesota**

**Responsibilities:**

* Developed and enhanced enterprise healthcare applications using **ASP.NET MVC**, **C#**, and **ADO.NET**, following a 3-tier architecture pattern.
* Led cloud migration of legacy on-prem apps to **Microsoft Azure**, utilizing **App Services**, **Azure SQL Database**, and **Blob Storage** for scalable deployment and data retention.
* Maintained existing **WCF services** and built new **RESTful APIs** with **ASP.NET Web API**, supporting **JSON** and **XML** data formats.
* Designed interactive UI components using **Razor Views**, **JavaScript**, **jQuery**, **AJAX**, and **HTML5/CSS3**, implementing both client-side and server-side validations.
* Supported and modernized legacy systems including **WinForms** and **Web Forms**, enabling phased migration to ASP.NET Core-based architecture.
* Implemented CRUD operations and business workflows using **Entity Framework** with both **Code First** and **Database First** approaches for new and legacy modules.
* Automated deployment and data processing tasks using **PowerShell scripts** and **C# utilities**, integrated into **Jenkins CI pipelines** and **GitHub version control**.
* Developed T-SQL scripts, stored procedures, and indexed views in **SQL Server** to support ETL operations and generate business-critical reports.
* Participated in daily stand-ups, sprint planning, and retrospectives as part of an **Agile Scrum team**, collaborating closely with QA, DevOps, and Product teams.
* Delivered production support and resolved high-priority issues related to data accuracy, performance, and authentication.

| **Environment:**  ASP.NET MVC, C#, ADO.NET, Entity Framework (Code First & DB First), Razor Views, SQL Server 2008/2016, Azure App Services, Azure SQL, Azure Blob Storage, WCF, Web API, WinForms, Web Forms, PowerShell, Jenkins, GitHub, JavaScript, jQuery, HTML5, CSS3, Agile |
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**Role: .Net Developer**

**Client: Adventist Health Systems August 2017 – October 2020**

**Rockville, MD**

**Responsibilities:**

* Developed healthcare applications using **ASP.NET MVC**, **C#**, and **ADO.NET**, adhering to Agile methodology and **test-driven development (TDD)** best practices.
* Built dynamic, responsive UIs using **React.js**, **Redux**, **Bootstrap**, **jQuery**, and **Razor Views**, including drag-and-drop functionality for interactive modules.
* Implemented reusable backend components in C# using **abstract classes**, **interfaces**, and built secure **RESTful APIs**, integrating with internal systems via **WCF**.
* Led source control migration from **TFS to GitHub**, and introduced **GitHub Actions** for CI/CD automation, incorporating tools like **Snyk**, **Checkmarx**, and **GitHub Advanced Security** for vulnerability scanning.
* Automated ETL processes using **SSIS** and legacy **Python 2.7 scripts**, transforming healthcare data for analytics and report generation via **SQL Server and SSRS**.
* Maintained and enhanced mission-critical hospital systems developed in **VB6** and **Windows Forms**, ensuring compatibility with existing Windows infrastructure.
* Built **HIPAA-compliant serverless APIs** using **AWS Lambda** and **API Gateway** for notification modules such as appointment reminders and alerting workflows.
* Managed **IAM roles**, encryption strategies, and access control in AWS to support compliance and security policies.
* Utilized **MongoDB** to store semi-structured session data, applying encryption and controlled access for HIPAA compliance.
* Performed unit testing using **NUnit**, and integrated automated test executions into GitHub-based CI pipelines.
* Deployed applications on **IIS 7.0**, collaborated with QA, analysts, and DevOps teams, and participated in Agile sprint ceremonies and retrospectives.

| **Environment:** ASP.NET MVC, C#, React.js, Redux, ADO.NET, MongoDB, SQL Server, SSRS, SSIS, Python 2.7, AWS Lambda, API Gateway, GitHub Actions, WCF, VB6, Windows Forms, NUnit, IIS 7.0, Agile, HIPAA Compliance |
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**Role: .Net developer**

**Client: Bank of America April 2015 – June2017**

**Columbus, OH**

**Responsibilities:**

* Designed and developed internal banking web applications using **ASP.NET MVC 5**, **C#**, and **SQL Server**, following a multi-layered architecture for scalable delivery.
* Built responsive front-end components using **HTML5**, **CSS3**, **JavaScript**, and **Bootstrap**, integrating data via **Razor Views** and **MVC scaffolding**.
* Contributed to the modernization of UI layers by enhancing **AngularJS** modules and implementing new features in **React.js** during phased frontend upgrades.
* Developed **WCF services** to securely exchange data between application layers and external financial systems.
* Wrote reusable C# components using **object-oriented principles**, applying **abstract classes**, **interfaces**, and common design patterns to improve code maintainability.
* Built data access layers using **LINQ**, and handled **XML parsing** and file operations for document-based workflows and integrations.
* Participated in full Agile lifecycle — sprint planning, daily stand-ups, demos, and retrospectives — collaborating with QA, business analysts, and infrastructure teams.
* Managed version control and team collaboration using **Git** and **GitHub Enterprise**, supporting pull requests, branching strategies, and merge conflict resolution.
* Maintained evolving data models with **Entity Framework Code First** and implemented **Migrations** for schema updates across environments.
* Performed performance testing using **JMeter**, identifying bottlenecks and optimizing application responsiveness under concurrent load.
* Deployed applications in **Docker containers** across dev, QA, and UAT environments to standardize configurations and improve portability.
* Explored **AWS (EC2, S3, CloudWatch)** for running isolated prototypes and setting up monitoring dashboards as part of the organization’s early cloud-readiness phase.

| **Environment:**ASP.NET MVC 5, C#, Razor Views, SQL Server 2012, Entity Framework (Code First), WCF, LINQ, XML, HTML5, CSS3, JavaScript, Bootstrap, AngularJS, React.js, Git/GitHub Enterprise, Docker (non-prod), AWS EC2/S3/CloudWatch (limited), JMeter, Visual Studio, Agile |
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**Role: .Net Developer**

**Client: ICICI Bank August 2014 – February 2015**

**Hyderabad, India**

**Responsibilities:**

* Developed secure and scalable web applications using **ASP.NET MVC 4**, **C#**, **ADO.NET**, and **SQL Server**, following N-tier architecture for separation of concerns.
* Built interactive UI features using **AJAX**, **jQuery**, and **JavaScript**, enabling dynamic content retrieval via **JSON** from Web API and legacy **ASMX** services.
* Developed **RESTful APIs** using **ASP.NET Web API**, maintained **WCF** services for internal integration, and supported SOAP-based **ASMX** services for backward compatibility.
* Created reusable backend modules in C# with centralized **exception handling** using custom Web API filters and structured logging utilities.
* Implemented data access layers using **Entity Framework 6** and **LINQ**, and designed performant **SQL Server** stored procedures, views, and indexing strategies.
* Built and scheduled **SSIS packages** to import Excel-based financial data and transform it into normalized formats for downstream systems; developed **SSRS reports** for compliance use.
* Integrated **MSMQ** for asynchronous messaging between internal services, and implemented **SMTP-based email notifications** for transactional alerts and system triggers.
* Assisted with deployment automation using **PowerShell**, including **IIS configuration**, **app pool setup**, and **SQL Agent job scripting**.
* Created and consumed **SOAP web services** using **WSDL/XML**, generated proxy classes, and handled XML contract serialization for external integrations.
* Conducted unit testing using **NUnit** and supported QA efforts by validating functional and system-level scenarios as part of Agile sprint delivery.

| **Environment:** ASP.NET MVC 4, C#, ADO.NET, Entity Framework 6, SQL Server 2012/2008 R2, Web API, WCF, ASMX, MSMQ, SSIS, SSRS, JavaScript, jQuery, AJAX, XML, LINQ, SMTP, NUnit, PowerShell, Visual Studio 2012, TFS, Agile |
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