

Satya Krishna Arza

.Net Developer

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SUMMARY

- 5+ years of experience as a .Net Developer in designing, developing, and maintaining scalable web applications and backend systems using C#, ASP.NET MVC, and RESTful APIs.
- Skilled in building dynamic user interfaces with modern frameworks like Angular and jQuery to enhance functionality and user experience.
- Proficient in database management and optimization using SQL Server and MySQL, ensuring data integrity and efficient storage solutions.
- Hands-on experience deploying applications on Azure and streamlining development workflows using CI/CD pipelines with Docker and Jenkins.
- Adept in Agile methodologies, delivering high-quality solutions in collaboration with cross-functional teams to meet project goals effectively.

EXPERIENCE

Bank of America, USA | .Net Developer

May 2023 - Current

- Developed and maintained enterprise-level banking applications using C#, ASP.NET Core, .NET Framework, MVC, and Web API. I focused on building scalable, high-performance, and secure solutions to meet dynamic business needs.
 - Optimized database performance and integrity by writing and fine-tuning complex T-SQL queries, stored procedures, and triggers in SQL Server. I ensured smooth transaction processing and reliable data operations.
 - Implemented and managed cloud-based solutions on Microsoft Azure, leveraging App Services, Azure Functions, Blob Storage, and Virtual Machines to enhance efficiency and scalability for business-critical applications.
 - Created and maintained RESTful APIs to ensure smooth and secure communication between internal systems and third-party platforms, enabling seamless integrations across the organization.
 - Worked closely with UI/UX teams to develop interactive and responsive web interfaces using Angular, React, Bootstrap, and JavaScript. My focus was on delivering user-friendly designs that improve customer experiences.
 - Conducted comprehensive tests, including unit, load, and integration testing, to validate the reliability and performance of applications, particularly under high-transaction scenarios. Additionally, implemented OAuth2, JWT, and encryption protocols to ensure the security of sensitive data.
 - Streamlined development workflows by automating build, testing, and deployment processes using Azure DevOps, Jenkins, Docker, and Kubernetes. This approach significantly improved efficiency and delivery timelines.
 - Designed and managed ETL pipelines using SSIS and worked with real-time technologies like Kafka and Spark to support data processing, reporting, and analytics requirements.
 - Played an active role in Agile/Scrum processes, participating in sprint planning, daily stand-ups, and retrospectives. I worked alongside business analysts and stakeholders to ensure project goals aligned with business needs.
 - Monitored application performance in real time using tools like Application Insights and Azure Monitor, and created Power BI dashboards to track key metrics and provide actionable insights for decision-making.
 - Documented technical designs and workflows for better team understanding and continuity. I also mentored junior developers, conducted peer code reviews, and encouraged best practices in coding and solution design.
- **Environment:** C#, T-SQL, JavaScript, ASP.NET Core, .NET Framework, MVC, Web API, Microsoft Azure (App Services, Azure Functions, Blob Storage, Virtual Machines), SQL Server, Angular, React, Bootstrap, Azure DevOps, Jenkins, Docker, Kubernetes, SSIS, Kafka, Spark, Application Insights, Azure Monitor, Unit Testing, Integration Testing, Load Testing, Power BI

Identic Softech, India | .Net Developer

April 2019 - July 2022

- Engineered and implemented a secure and scalable medical records management system leveraging C#, ASP.NET Core, MVC, and Web API, facilitating efficient storage and retrieval of patient data.
- Developed and implemented a secure, scalable medical records management system using C#, ASP.NET Core, MVC, and Web API, which streamlined the storage and retrieval of patient data efficiently.
- Worked on designing and optimizing relational databases in SQL Server, creating T-SQL queries, stored procedures, and triggers to manage large volumes of medical information with precision and improved performance.
- Built and Connected RESTful APIs to integrate medical systems with laboratory information systems (LIS) and pharmacy platforms, ensuring smooth data flow and compliance with healthcare standards.

- Collaborated with UI/UX specialists and healthcare experts to design and deliver responsive web interfaces using Angular, React, Bootstrap, and JavaScript, making it easier for both medical professionals and patients to access and use the platform.
 - Implemented security measures such as OAuth2, JWT, and encryption techniques to protect sensitive medical records, ensuring full compliance with healthcare regulations like HIPAA.
 - Automated deployment workflows by leveraging tools like Azure DevOps, Docker, and Kubernetes, improving release cycles and maintaining application stability.
 - Constructed and Maintained ETL pipelines using SSIS to integrate patient monitoring data from IoT devices into real-time analytics dashboards built in Power BI, supporting better decision-making.
 - Documented technical designs and workflows while mentoring junior developers, conducting code reviews, and ensuring all solutions met high-quality standards and were delivered on time.
- **Environment:** C#, ASP.NET Core, MVC, Web API, Angular, React, JavaScript, Bootstrap, SQL Server, T-SQL, Stored Procedures, Triggers, RESTful APIs, OAuth2, JWT, Azure DevOps, Docker, Kubernetes, SSIS, Power BI, Data Encryption, HIPAA Compliance, Technical Design Documentation, Code Reviews, Mentorship

SKILLS

- **Languages:** .NET (C#), Java, Python, Scala, SQL, T-SQL, PL/SQL
- **Technologies:** .NET Framework, C#, ASP.NET MVC, Entity Framework, Spring, Spring MVC, Hibernate, NodeJS, ASP.NET 4.0/3.5, MVC 4.0/3.0, Ajax 3.0/2.0, Web API, JavaScript, jQuery, Knockout JS, Bootstrap, AngularJS, TypeScript, Entity Framework 6, XML, XDOCUMENT, XSLT, XPATH, XSL
- **Databases:** MySQL, Microsoft SQL Server, Oracle, NoSQL, HBase, SSMS, SQL Profiler, Query Analyzer
- **Web Development/ API Development:** HTML5, CSS3, JavaScript (jQuery, AJAX), TypeScript, React, Angular, WPF, RESTful APIs
- **Cloud Services:** Amazon Web Services (AWS), Microsoft Azure (Blob Storage, Virtual Machines, AI, Azure DevOps, App Services)
- **Frameworks & Libraries:** .NET (ASP.NET MVC, Entity Framework), Cocoa Touch (SwiftUI, CocoaPods)
- **Tools:** JIRA, CI/CD (Jenkins, Azure DevOps), Visual Studio, PyCharm, Sublime Text, Eclipse, IntelliJ IDEA, Xcode, Android Studio, Hadoop, Hive, Sqoop, Spark, Flume, Kafka, Airflow, SSRS, SSIS, QlikView, Crystal Reports, Docker, Kubernetes, Jenkins, Ansible, Terraform, Git (GitHub, GitLab)
- **Operating Systems:** Windows, macOS, Linux

EDUCATION

Master's in Computer Science & Mathematics

University of Illinois at Springfield, Springfield, IL