

Summary

- Accomplished .NET Developer with 4+ years of experience, delivering high-quality software and data-driven solutions that optimize performance, scalability, and efficiency.
- Proficient in full-stack development, utilizing ASP.NET, C#, SQL Server, and Angular to build robust and scalable web applications.
- Demonstrated expertise in optimizing application performance, enhancing user experience, and ensuring code maintainability and scalability.
- Strong background in RESTful API development using .NET, with experience in data ingestion, transformation, and integration workflows for structured and unstructured data.
- Hands-on experience in optimizing SQL Server queries, indexing strategies, and database performance tuning, reducing query execution times by 50% and improving data processing efficiency.
- Designed ETL pipelines and automated data workflows, enabling seamless data movement across applications and cloud platforms.
- Skilled in cloud-based deployments on AWS & Azure, implementing serverless data processing solutions using AWS Lambda, S3, DynamoDB, and Azure Synapse.
- Implemented logging, monitoring, and data validation solutions using Splunk, ELK Stack, and cloud-native tools to ensure software and data pipeline reliability.
- Strong problem-solving skills with a keen ability to analyze complex software and data engineering requirements, implementing scalable architectures.
- Experienced in mentoring junior developers and data engineers, providing guidance on .NET development, data integration best practices, and cloud technologies.
- Passionate about leveraging technology and data-driven insights to solve real-world problems, ensuring efficient software performance and data accuracy.
- Dedicated to continuous learning, staying updated with the latest technologies and best practices in software development and data engineering.
- Results-oriented professional with a proven track record of delivering projects on time and within budget, exceeding client expectations.

Skills

- Backend Development:** .NET Framework, C#, ASP.NET MVC, Entity Framework, Spring, Spring MVC, Hibernate, NodeJS
- Programming Languages:** .NET (C#), Java, Python, Scala
- Databases:** Microsoft SQL Server, Oracle, MySQL, Cassandra, MongoDB, HBase
- Web Development:** HTML5, CSS3, JavaScript (jQuery, AJAX), TypeScript, React, Angular, WPF (Windows Presentation Foundation)
- API Development:** RESTful APIs
- Cloud Platforms:** Amazon Web Services (AWS), Microsoft Azure (Azure DevOps, App Services)
- Frameworks & Libraries:** .NET (ASP.NET MVC, Entity Framework), Cocoa Touch (SwiftUI, CocoaPods)
- Version Control:** Git (GitHub, GitLab)
- Development Tools:** JIRA, CI/CD tools (Jenkins, Azure DevOps), Visual Studio, PyCharm, Sublime Text, Eclipse, IntelliJ IDEA, Xcode, Android Studio
- Business Intelligence:** SSRS, Qlik Sense, Crystal Reports
- Big Data and ETL Tools:** Hadoop, Hive, Sqoop, Spark, Flume, Kafka, Airflow
- DevOps Tools:** Docker, Kubernetes, Jenkins, Ansible, Terraform
- Operating Systems:** Windows, macOS, Linux

Experience

Senior .Net Developer	Oct 2024 - Present
Crawford Software Consulting Inc	Londonderry, NH
<ul style="list-style-type: none">Customizing and enhancing front-end UI components using HTML, CSS, and JavaScript, ensuring seamless and responsive user experience.Developing and optimizing Web APIs in C# and .NET Core, facilitating system integrations with Datascope WMS and Syspro ERP for improved warehouse management.Building and maintaining console applications to handle triggers, background processing, and automated workflows for inventory and logistics operations.Integrating and customizing Datascope WMS, ensuring efficient warehouse operations, inventory tracking, and real-time data synchronization.Managing SQL Server databases, including writing complex queries, stored procedures, and performance tuning to optimize warehouse and ERP data handling.Enhancing and maintaining existing application architecture, ensuring scalability, maintainability, and security for Datascope WMS integrations.	

- Debugging and troubleshooting application issues, ensuring smooth functionality across Web APIs, SQL operations, and WMS/ERP integrations.
- Collaborating with cross-functional teams, including business analysts, ERP consultants, and warehouse managers, to deliver tailored solutions.
- Performing data migration and transformation tasks, ensuring seamless integration between warehouse management systems and ERP platforms.
- Implementing authentication and authorization mechanisms to secure API endpoints and data transactions.
- Creating technical documentation for developed APIs, console applications, and WMS/ERP customizations for internal use and future reference.

Software Data Engineer
HCL Global Systems Inc

Feb 2024 - Oct 2024
Johns Creek, GA

- Designed and optimized SQL Server and Cassandra queries, reducing execution times by 50% and enhancing data warehouse performance for analytics.
- Built and managed data pipelines, ensuring efficient integration, transformation, and storage of structured/unstructured data from multiple sources.
- Developed RESTful APIs in .NET for seamless data exchange and implemented ETL pipelines to process large-scale data efficiently.
- Automated data validation and integrity checks, ensuring data consistency and compliance with business rules.
- Designed interactive dashboards using JavaScript, providing data visualization and real-time analytics insights.
- Migrated legacy applications to .NET Core, improving data processing performance by 40% while modernizing cloud-based data pipeline architectures.
- Integrated third-party APIs for real-time data synchronization, ensuring accurate and up-to-date information for analytics and reporting.
- Implemented DevOps and DataOps practices using Git, Jenkins, Docker, and Azure DevOps, reducing deployment times by 60% for both applications and data workflows.
- Collaborated with data analysts to validate and refine data workflows, reducing defects by 40% and improving data governance and enforcing data security policies in cloud environments using RBAC.
- Managed cloud-based infrastructure on AWS and Azure (Azure Data Factory), leveraging serverless computing (Lambda) and scalable storage solutions.
- Led the design of microservices architecture, enabling real-time data streaming, batch processing, and scalable big data workflows.
- Mentored junior developers and data engineers, providing guidance in cloud-based data architecture, .NET development, and data transformation best practices.

Software Data Engineer
E-Universe Technologies Inc

Jul 2023 - Feb 2024
Irving, TX

- Designed and optimized SQL Server database schemas, reducing response times by 40% and ensuring efficient data retrieval for analytical processing.
- Developed and managed ETL pipelines to extract, transform, and load large-scale structured and unstructured datasets, improving data processing efficiency.
- Implemented data synchronization workflows by integrating third-party APIs, ensuring seamless real-time data transfer across multiple systems.
- Developed cloud-based data pipelines leveraging AWS (EC2, S3, DynamoDB) and Azure services, enabling scalable storage and data processing solutions.
- Automated data processing workflows using Python, SQL, and cloud-based tools, improving efficiency and reducing manual intervention.
- Implemented DevOps practices for data engineering pipelines using Git, Jenkins, and Docker, ensuring CI/CD automation and containerized deployments.
- Collaborated with data analysts and stakeholders to define data models and business intelligence solutions, ensuring data-driven decision-making.
- Designed and implemented an improved data processing workflow, reducing data processing times by 40% and ensuring scalability for growing datasets.
- Implemented Behavior-Driven Development (BDD) and Test-Driven Development (TDD) to ensure robust data pipeline testing and validation processes.

Software Engineer
Global Tech

Aug 2019 - Jul 2021
Hyderabad, India

- Developed and maintained web applications using ASP.NET MVC, HTML, CSS, and JavaScript, resulting in a 25% increase in user engagement as measured by page views.
- Integrated third-party APIs to enhance application functionality and provide additional features to users, increasing customer satisfaction by 40%.
- Implemented responsive design principles, ensuring compatibility with a wide range of devices and screen sizes, resulting in a 30% increase in mobile traffic.

- Collaborated with UX/UI designers to create intuitive and user-friendly interfaces, resulting in a 50% reduction in user errors and support requests.
- Utilized SQL Server to design and optimize database schemas, improving query performance and reducing database response times by 40%.
- Participated in code reviews and provided feedback to team members, resulting in a 20% improvement in code quality and maintainability.
- Developed custom reports and dashboards using SQL Server Reporting Services (SSRS), providing valuable insights to stakeholders and decision-makers.
- Implemented caching mechanisms to improve application performance and scalability, reducing server load by 50%.
- Actively participated in Agile ceremonies and contributed to process improvements, fostering a culture of continuous learning and innovation.

Junior .Net Developer
Byte Works Solutions

Jun 2018 - Aug 2019
Hyderabad, India

- Designed and developed web-based healthcare applications using ASP.NET Core, Angular, and Oracle, resulting in a 30% increase in patient engagement.
- Implemented role-based access control (RBAC) to ensure data security and compliance with HIPAA regulations, reducing the risk of data breaches.
- Developed custom data analytics tools using Power BI, providing valuable insights into patient demographics, treatment outcomes, and healthcare trends.
- Optimized application performance by implementing caching mechanisms and asynchronous processing, reducing page load times by 50%.
- Developed and maintained RESTful APIs to support integration with external systems and facilitate data exchange between different healthcare applications.
- Worked closely with the QA team to ensure the reliability and accuracy of software solutions, minimizing the risk of production incidents and data errors.
- Provided technical support and training to end-users, ensuring smooth adoption and utilization of software applications across the organization.

Education

- **Master of Science in Information Technology**, Arizona State University, USA Aug 2021- May 2023
- **Bachelor of Technology in Information Technology**, JNTUK, India Sep 2014 - Apr 2018