**KALIDASU BATTENA**

**.NET FULL STACK DEVELOPER**

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**Professional Summary**

● **5+ years** of experience as a **.NET Full Stack Developer** with strong expertise in designing, developing, and deploying scalable web applications, microservices, and APIs using **.NET Core**, **C#**, **ASP.NET MVC**, **Entity Framework**, and **Azure**.
● Proficient in **multithreading**, **Object-Oriented Programming (OOP)**, and **Object-Oriented Analysis and Design (OOAD)**, with a focus on clean code practices and reusable components.
● Hands-on experience in developing both **Web Applications** and **Client/Server Applications** leveraging **React JS**, **Angular**, **Vue.js**, and other front-end technologies to deliver responsive and interactive user interfaces.
● Expertise in **Microservices Architecture** and **Cloud-Native Development** with a focus on **AWS**, **Azure**, and **Docker** for containerization and deployment.
● Extensive knowledge of designing and implementing **RESTful APIs** and integrating with third-party services, ensuring high performance, security, and scalability.
● Strong experience with **SQL Server**, **PostgreSQL**, **MySQL**, and **NoSQL databases** (MongoDB, Cassandra), including database design, optimization, and complex query writing.
● Experienced in using **CI/CD tools** like **Azure DevOps**, **Jenkins**, and **GitLab** to implement automated build, test, and deployment pipelines, ensuring fast, reliable, and secure delivery.
● Proficient in designing and developing applications using **design patterns** such as **MVC**, **MVVM**, **Singleton**, and **Factory**, ensuring maintainable and extensible systems.
● Skilled in cloud services and serverless computing with **Azure Functions**, **AWS Lambda**, and **CloudFormation**, streamlining application scalability and deployment.
● Strong background in implementing **DevOps practices** for end-to-end automation, including code integration, automated testing, and infrastructure management.
● Deep understanding of **Agile**, **Scrum**, and **Kanban** methodologies, with hands-on experience in **Agile Scrum** sprints and collaborating in cross-functional teams to meet project milestones.
● Excellent problem-solving, debugging, and performance optimization skills, leveraging tools like **Azure Application Insights**, **Fiddler**, and **Profiler**.
● Proficient in **unit testing**, **integration testing**, and **automated testing** frameworks like **NUnit**, **MSTest**, and **xUnit**, ensuring robust application reliability.
● Passionate about continuous learning, staying up to date with the latest trends and technologies in the .NET ecosystem and cloud computing to drive technical innovation.

**Technical Skills**

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| Programming Languages | C#, VB.NET, JavaScript, TypeScript, YAML, PowerShell |
| .NET technologies | ASP.NET, ADO.NET, MVC, LINQ, Entity Framework |
| Web Technologies | HTML, HTML5, CSS3 DHTML, Ajax, JSON, JavaScript, jQuery, Angular JS, React JS, Knockout JS, Node JS, Razor Views, Bootstrap, WCF, WPF, SOAP, REST, WSDL, Web API |
| Scripting Languages | JavaScript, jQuery, YAML, Visual Basic Script, Power shell scripting. |
| Databases | SQL Server, Oracle, MySQL, PostgreSQL |
| Design Patterns | MVC, MVVM |
| XML Technologies | XML, XSLT, XPATH, XSL, LINQ to XML, XAML |
| Cloud | AWS, Microsoft Azure |
| Source Repositories | SVN, TFS, VSS, GitHub, Visual Source Safe |
| Methodologies | Agile/Scrum, waterfall, and TDD |
| IDE, Testing & Other tools | Visual Studio, NUnit, Jenkins, Docker, JIRA |
| Web Servers | IIS, Apache, Nginx, and Kestrel |
| Operating Systems | Windows, Unix, Linux, Mac OS |

**Education**

**Masters in Information System and Technology August 2021- May 2023**

**University of North Texas**

**Bachelor’s in Computer Science and Engineering July 2014 - May 2018**

**SRM Institute of Science and Technology**

**Certifications**

* **AWS Certified Developer – Associate, Amazon Web Services, October 2024 – October 2027**
* **Verification link:** [**https://aws.amazon.com/verification**](https://aws.amazon.com/verification)

**Work Experience**

 **Innova Care Health Jan 2024 - Present**

**.NET Full Stack Developer NY, USA**

**Responsibilities:**

* Designed and developed scalable and high-performing applications using .NET Core, MVC, and Web APIs.
* Implemented microservices architecture to enhance modularity, scalability, and maintainability.
* Developed and deployed containerized applications using Docker and Kubernetes for efficient resource utilization.
* Leveraged Azure services like AKS, Service Bus, Functions, and Blob Storage to implement distributed systems and improve system resilience.
* Built reusable components and dynamic UIs using Angular and React, ensuring a seamless user experience.
* Integrated third-party APIs for payment gateways and external data processing using REST and SOAP protocols.
* Conducted performance tuning for APIs using caching, query optimization, and asynchronous programming.
* Automated CI/CD pipelines with Jenkins and Azure DevOps, reducing manual efforts and deployment time.
* Created unit and integration tests using NUnit and Moq to ensure robust application functionality.
* Designed and implemented database schemas, optimized queries, and created stored procedures for SQL Server and PostgreSQL databases.
* Utilized CSLA .NET framework to implement asynchronous data loading and caching mechanisms, improving system responsiveness.
* Collaborated with cross-functional teams in Agile environments to deliver high-quality features on schedule.
* Documented technical designs, code structures, and best practices to ensure maintainable and scalable solutions.

**Environment:** C#, .NET Core, ASP.NET MVC, WPF, Angular, React, Azure, Docker, Kubernetes, REST APIs, SQL Server, PostgreSQL, Jenkins, NUnit

**Fulton Bank Nov 2022 – Jan 2024 .NET Developer PA, USA**

**Responsibilities:**

* Designed and developed scalable and secure banking applications using **.NET Core**, **ASP.NET MVC**, and **Entity Framework Core**.
* Developed RESTful APIs to support client applications and implemented API security using **OAuth2.0** and **JWT** authentication.
* Built interactive front-end interfaces using **React JS**, **Bootstrap**, and **JavaScript**, ensuring a seamless user experience.
* Integrated the banking system with third-party services and APIs to enhance application functionality.
* Worked on optimizing database queries and stored procedures in **SQL Server** to improve performance and reduce response times.
* Automated deployment processes and managed CI/CD pipelines using **Azure DevOps**, ensuring smooth delivery to production environments.
* Utilized **Azure Blob Storage** and **Azure Functions** for storing and processing large datasets securely.
* Performed unit testing using **MSTest** and **NUnit**, achieving high code coverage and identifying bugs early in the development cycle.
* Migrated monolithic applications to a **Microservices Architecture**, improving scalability and fault tolerance.
* Monitored and debugged applications using **Azure Monitor**, **Application Insights**, and **Fiddler** to identify and resolve issues.
* Participated in Agile ceremonies, including sprint planning, daily stand-ups, and retrospectives, to ensure timely project delivery.

**Environment:**
.NET Core, ASP.NET MVC, C#, Entity Framework Core, React JS, Bootstrap, SQL Server, Azure DevOps, Azure Functions, OAuth2.0, JWT, MS Test, NUnit, Application Insights, Agile.

**GS Solutions Aug 2018 to July 2021**

**.Net Developer Hyderabad, India**

**Responsibilities:**

* Developed end-to-end web applications using ASP.NET MVC, Razor Views, and Entity Framework.
* Migrated legacy applications to .NET Core, improving performance and maintainability.
* Designed and developed cloud-native applications leveraging Azure Functions, Service Bus, and Cosmos DB.
* Implemented complex front-end functionalities using Angular, integrating APIs for real-time data updates.
* Automated infrastructure provisioning using Azure Resource Manager (ARM) templates and YAML pipelines.
* Developed and consumed WCF and RESTful APIs for communication between distributed systems.
* Built multi-threaded applications to improve the performance of backend data processing tasks.
* Monitored and resolved application performance bottlenecks using Application Insights and Fiddler.
* Wrote complex SQL queries, triggers, and views for data retrieval and manipulation in SQL Server and PostgreSQL.
* Designed and implemented custom authentication and authorization modules using Active Directory and JWT.
* Utilized Docker to containerize applications, enabling rapid deployment across environments.
* Extensively worked with Jenkins and Git for source control, build automation, and deployment pipelines.
* Conducted code reviews, enforced best practices, and mentored junior developers to maintain high-quality deliverables.

**Environment:** ASP.NET MVC, .NET Core, Angular, Azure, Docker, Kubernetes, SQL Server, PostgreSQL, REST APIs, YAML, Jenkins, Active Directory