**Name: Katta**

**SUMMARY:**

* More than 9+ years of IT experience in implementing N-Tier Architecture and Hands on experience in developing Web and Client/Server Applications based on Microsoft .Net Technologies.
* Proficiency in Object Oriented Programming techniques.
* Expert in designing and developing applications using ASP.NET, C#.NET, .NET Core, ADO.NET, SQL, Entity Framework, Enterprise Library, LINQ.
* Experience in designing web pages with HTML, JavaScript, CSS, Bootstrap, HTML 5, CSS3 and jQuery in a hand-coded environment.
* Worked with Console applications, Windows applications, ASP.NET Web Forms, ASP.NET State Management, ASP.NET Caching, Securing ASP.NET Web Applications.
* Experience with developing personalized web applications using web parts and user profiles.
* Hands of experience in SQL Server in writing database queries using joins, Indexes and in creating Tables, Views, Indexes, writing Stored Procedures, Functions and Triggers using T-SQL, Maintaining Database.
* Experience in Query Optimization.
* Have hands on project experience followed on SOLID principles and Lazy Loading, Factory and Dependency injection design patterns.
* Excellent working knowledge in Developing Windows Services, RESTful Web Services, Web Forms, SOAP, XML, XSD, XPATH and IIS.
* Experience in working with Windows Presentation Foundation (WPF), Windows Communication Foundation (WCF) .NET Web Services using WSDL in .Net Framework 4.7.
* Extensively used LINQ and Entity Framework to exchange data between web applications and database objects.
* Experience in data accessing using Data Adapter, Data Reader & Data Set, in ADO.NET.
* Good experience in Exception Handling, Debugging and tracing by which the whole picture of application runtime behavior can be seen and analyzed more efficiently.
* Experience in developing and building applications using Windows Workflow Foundation and XAML.
* Experience in Telerix used for leading UI Controls and reporting using .Net (Asp.Net, AJAX, MVC, Core, Xamarin, WPF), Kendo UI for HTML5 and Angular development and knockoutJS.
* Expertise in building service-oriented applications by implementing in SOA architecture through WCF services that communicate across the web and the enterprise with features Serialization, Versioning, Interoperability and hosting.
* Amazing Knowledge in implementing Web Service (XML, SOAP and WSDL), WCF, and REST service which communicate data in a both XML & JSON following SOA in a distributed environment
* Experience in implementing Securities like Authentication and Authorization using Form-based & Window-based authentication, Authorizing Users, Roles and User Account Impersonation.
* Good experience with development methodologies like Agile (SCRUM), Waterfall and Test driven development.
* Worked on creating different Jenkins jobs to build .Net API’s and set up pipelines to create Docker Images in Jfrog Artifactory.
* Created NUnit test cases for automatic, End to End and UI testing using NUNIT testing tool.
* Experienced in project management activities like team coordination, schedule preparation and estimation.
* Collaborated closely with stakeholders to understand business requirements and design robust API integrations to enhance system interoperability and streamline data exchange processes.
* Cohesive Team Player having Fast Learning Curve as well as Adaptability to Technology & Assignment along with strong leadership, analytical, problem solving, trouble shooting, innovation, communication & interpersonal skills.
* Constant enrichment in experience through in challenging projects.

**EDUCATION DETAILS:**

* Bachelor of Technology in Electrical and Electronics Engineering from National Institute of Technology, Warangal – May 2014
* Masters in Computer Science from University of Missouri Kansas City – Dec 2016

**TECHNICAL SKILLS:**

* **Programming Languages:** C/C++, C# , Go (Golang), Python, JavaScript
* **Scripting Language:** JavaScript, AJAX , JQuery, T-SQL, PL/SQL
* **Windows & Web Technologies:** WinForms, Windows Services, ASP.NET 4.6/4.5 ,.NET Core 3.1,ASP.NET MVC 4, Web API, LINQ, Common Language Runtime, ADO.NET, Entity Framework 5.0, WCF,WPF, Web services, SOAP/Restful Web Services, IIS, DHTML, XML, JSON , XPATH, XSLT, XSD, JSP, CSS3 & HTML5
* **Xml Technologies:** XAML, XML, XDOCUMENT, XSLT, XPATH, XSL, LINQ to XML
* **IDE Tools:** Visual Studio 2019/2015, Visual Studio Code, Studio 3T, SQL Server Management Studio
* **Modeling Tools:** UML, MS Visio 2010/2007,Balsamiq
* **Databases:** SQL Server ,Mongo DB, PostgreSQL, MongoDB
* **Reporting Tools:** SQL Server Reporting Services (SSRS 2008/2005), Crystal Reports (2010/9/8.5/8).
* **Version Control Tools:** BitBucket, GitLab, Team Foundation Server(2008)
* **.Net Frameworks:** .Net Framework 4.5/4.0.
* **Middleware:** WCF, ADO.NET 4.0/3.5/3.0/2.0,MSMQ, Web Services, Enterprise Library 5.0/4.0/3.1
* **Servers:** Windows Server 2008, Microsoft IIS(7.0/6.0)

**PROFESSIONAL EXPERIENCE:**

**Client:** Centene Corporation **Nov 2017- Till Date**

**Location:** St Louis, MO

**Role:** Senior Application Development Engineer

**Project Description**: Clinical Data Hub is the project which focuses on intake of clinical data coming from any of the organization and line of business within Centene. This will allow for all departments to more effectively leverage clinical data for improved patient care and reduced administrative costs. Locating clinical data more effectively from one source will also lead to improved HEDIS Quality scores. Risk Adjustment could avoid chasing charts that are in CDH, reducing provider abrasion, decreasing chart chasing costs and speeding chart retrieval for better risk adjustment scoring.

**Responsibilities:**

* Designed, developed, and deployed microservices architecture using .NET Core or ASP.NET Web API, breaking down monolithic applications into smaller, loosely coupled services for improved scalability, flexibility, and maintainability.
* Responsible for staging structured clinical data from vendor partners in Stage layer on Snowflake.
* Developed and maintained Go (Golang) APIs for backend systems, connecting to PostgreSQL and MongoDB databases.
* Implemented OAuth authentication flows (such as authorization code flow, implicit flow, and client credentials flow) to secure APIs following best practices and standards.
* Implemented centralized logging and monitoring solutions for microservices architecture using tools like ELK stack (Elasticsearch, Logstash, Kibana)
* Worked on AWS Cloud Formation templates to create IAM roles and permissions and resources to users.
* Skilled in cloud and server management, with expertise in Azure services, Windows Server setup and configuration, and IIS management, ensuring smooth deployment and operation of applications.
* Leveraged Azure Security Center and Azure Policy to enforce security and compliance policies for Azure resources, including vulnerability assessments, threat detection, and security baselines, ensuring adherence to regulatory requirements and industry standards.
* Worked on creating AWS Cloud Formation templates to create custom sized VPC, subnets and NAT to ensure traffic flow.
* Provide analytic reporting capabilities out of the refined layer in Snowflake.
* Skilled in monitoring Kafka clusters and topics using tools like Confluent Control Center, Prometheus, and Grafana, to track performance metrics, detect anomalies, and troubleshoot issues.
* Worked on the Lambda functions in Node JS to make multiple calls to various API’s.
* Worked on Implementing AWS Step function to trigger multiple lambda functions depending in a work flow.
* Worked on creating SNS topics to notify our team DL regarding any failures in the workflow.
* Created integration to snowflake to load raw data and also used tasks and stored procedures to load data structurally to the appropriate tables in snowflake.
* Led the migration of APIs to the AWS Cloud platform, optimizing performance and scalability.

**Project Description:** Centene Corporation is a healthcare company which provides services to healthcare programs, focusing on under-insured and uninsured individuals. EMR project contains different modules to intake, consume, storage, usage and transfer of medical records through APIs which are crucial in quality and risk adjustment outcomes.

**Responsibilities:**

* Developed full-stack web applications using .NET Core, leveraging its cross-platform capabilities and performance optimizations.
* Implemented secure user authentication and authorization mechanisms using OAuth2 and JWT tokens, ensuring compliance with HIPAA regulations.
* Developed rich and interactive desktop applications using WPF, leveraging XAML for UI design and MVVM (Model-View-ViewModel) pattern for separation of concerns and maintainability.
* Experienced in developing Kafka producers and consumers using the Confluent .NET Client or other Kafka client libraries, ensuring reliable message delivery and consumption.
* Integrated desktop applications with databases using ADO.NET, Entity Framework, or other ORM frameworks, enabling seamless data storage, retrieval, and manipulation within the application.
* Proficient in leveraging Kafka Streams or other stream processing frameworks to perform real-time data processing, transformations, and analytics on streams of data.
* Experienced in configuring Kafka clusters for scalability and fault tolerance, including partitioning, replication, and high availability configurations, to handle large volumes.
* Responsible for creation of new features and enhancements in ASP.NET MVC application for medical chart coding using jQuery/Bootstrap/Knockout for Front End and SQL/Entity Framework/LINQ in the Data layer.
* Utilized containerization technologies such as Docker and container orchestration platforms like Kubernetes to deploy and manage microservices in scalable, distributed environments, ensuring portability and consistency across deployment environments.
* Implemented multi-threading and concurrency management in WPF applications to improve responsiveness and performance, handling background tasks and long-running operations effectively.
* Performing Unit Testing using NUnit which is a derivative of Testing Framework.
* Worked on distributed version control systems BitBucket, GitLab and comfortable with feature branches, rebasing and merging.

**Environment:** .Net Framework 4.6/4.7, Visual Studio 2019/2022, C#, ASP.Net MVC, Win Forms, Web Services, WCF, XML, AJAX, Web API, JavaScript, jQuery, SQL Server 2016, Entity Framework, Bit Bucket, Agile Environment, Mongo DB. PostgreSQL, Snowflake, Azure

**EC Info Systems, Uniondale, NY Dec 16 – Nov 17**

**Software Developer**

**Responsibilities:**

* Developed rich client application’s modules using .NET in Visual Studio .NET 2005 and MS SQL Server as the backend database server.
* Built on a custom framework using C#, Win Forms, Web Services, ASP.NET MVC, JQuery, and Angular JS.
* Developed the Cascading Style Sheets (CSS), and DHTML, which are used for the entire site giving the site a dynamic look.
* Involved in developing secure web pages using ASP.NET MVC 2.0 and built highly responsive and interactive AJAX -enabled Web applications using AJAX Tool kit.
* Designed User Controls (.ascx) for document upload, Comments Input, Multi Select Dropdown and Risk Question Control, which was used heavily across the application.
* Leveraged WCF mechanisms like seasoning, Instance management, concurrency to make our services more robust and scalable.
* Developed custom WPF controls and control templates using XAML and code-behind, extending the functionality of built-in controls.
* Integrated Kendo UI components with ASP.NET MVC or ASP.NET Core Razor Pages, leveraging Kendo UI MVC wrappers or Kendo UI for jQuery, to streamline development and enhance functionality of web applications.
* Used SSIS for data transformation from Excel data base to SQL Server 2012**.**
* Responsible for working on migration SSIS packages from 2012 SQL reporting servers to 2016 SQL reporting servers.
* Worked on creation and enhancements on SSRS reports and subscriptions.
* Suggested & implemented improvements for the weaknesses identified in the QA Processes, Web testing and Selenium Automation.
* Used a hybrid of Waterfall and Incremental model as the Software Development Life Cycle.
* Created application level Error Log utility to log all the errors for effective solution for help desk.
* Used Visual Source Safe for version management process.

**Environment:** Visual Studio 2012, C#, Win Forms, Web Services, ASP.NET MVC 3.5, JQuery, Angular JS, AJAX, SQL Server 2012,SSIS, SSRS, Xamarin, IIS 7, WCF, SDLC, VSS , DHTML, Selenium.

**Lincoln Financial Group, Hartford, CT May 14 - Aug 15**

**Application Development Engineer**

**Responsibilities:**

* Involved in full life cycle of the project from requirements gathering to transition using Agile Methodology.
* Involved in designing the layout of User interface using Visio and Class diagrams using UML.
* Extensively involved in Developing Components for Business Layer and Data Layer, implementation in (Model View Presenter) MVP Architecture
* Designed different parts using C#.NET languages and built on n-tier architecture with extensive use of Object Oriented Programming Techniques.
* Developed and maintained Oracle packages to encapsulate and organize related PL/SQL code, promoting code reusability and maintainability across multiple applications.
* Conducted performance optimization of .NET applications interacting with Active Directory, including optimizing LDAP queries, caching directory data, and minimizing network latency for improved application responsiveness.
* Implemented role-based access controls (RBAC) and permissions management features using Okta and OAuth, ensuring granular control over user access to application resources.
* Orchestrated seamless integration between Dynamics 365 CRM and custom applications, leveraging Power Automate (formerly Microsoft Flow) to automate data transfer and synchronization processes.
* Created and consumed WCF Services and REST based services to transfer the data among different layers/environments.
* Proficient in SharePoint for enterprise content management and collaboration, with hands-on experience in developing and managing solutions on this widely-used enterprise platform.
* Used Test Driven Development for the developing the application.
* Used SVN for version control and code repository.

**Environment:** Visual Studio 2012, C#.Net, ASP.NET MVC 4.0, Web App Development, Web Forms, Win Forms, WCF, DHTML, XML, XSLT, CSS3, Razor views, jQuery, AJAX, Test Driven Development, HTML, JavaScript, SQL, Web Services, SVN, Silverlight