**Dyuthi Nandipati
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Senior .NET Developer**

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**Professional Summary:**

* Over 9+ years of strong IT professional experience in object-oriented design and development of web-based applications using .NET technologies for Retail, Financial and State clients.
* Experienced in requirement gathering, analysis, design, development, implementation, support, and unit testing of .NET applications in Agile and Waterfall SDLC methodologies.
* Strong Technical expertise in C#, ASP.NET, ADO.NET, LINQ, XML, XSLT, T-SQL, WCF, .NET 4.0, MVC Framework, Web API, Entity Framework, HTML, CSS, Java Script, Angular 2+, Angular 10+, Power Shell, SQL, T-SQL.
* Expertise as technical consultant for .NET enterprise application development for end-to-end project delivery.
* Hands on Azure cloud PaaS Services and Implemented Reliable, High Availability and Scalable solutions for the largest clients in Banking, Financial, Insurance and Auditing domains.
* Experienced in various project type delivery, like Assessment projects, Cloud Migration and Product Demo projects.
* Experience in Design Patterns, Restful Web Services, monolithic and micro services, distributed systems and Testing of Object-Oriented applications and Web based Enterprise Applications using .NET.
* Hands-on experience with OOPS concepts like abstraction, polymorphism, abstraction and in-depth knowledge in the architecture patterns that are used.
* Experience in Azure Storage, functions, Logic apps, App services, Web Jobs, Key Vault, Active Directory, AAD B2C, Cosmos DB, SQL DB, Application Insights, Monitor, Log Analytic, Azure CLI, CI/CD with Azure DevOps.
* Experience in AWS Cloud Environment – EC2, S3 Lambda, Auto Scaling, IAM, Cloud Watch, Cloud Formation, Security Groups.
* Extensive experience and actively involved in Requirements gathering, Analysis, Design, Coding and Code Reviews, Unit, and Integration Testing.
* Proficient in using various design patterns such as MVC, Singleton, Factory Pattern, CQRS and Repository Pattern.
* Strong Understanding in Service Oriented Architecture (SOA) for Web Services using SOAP/WSDL and Restful services.
* Hands-on experience in creating interfaces using ReactJS. Built stable react components and some stand-alone functions.
* Expertise in developing & consuming REST API having JSON format.
* Extensively worked on designing Swagger/Rest contracts and developing end to end.
* Expertise in C# Multi-Threading, Collection, Interfaces, Synchronization, and Exception Handling.
* Hands-on experience with .NET Core, Entity Framework.
* Knowledge in platform neutral markup using XML, XSD, XSL, XSLT.
* Experience with relational databases and No-SQL technologies.
* Worked on different RDBMS like MS SQL Server, Oracle, IBM DB2, MySQL, and Cosmos.
* Experience in working with Data structure and Algorithms in C#.
* Experienced in writing unit test cases using XUnit and have knowledge in Test Driven Development (TDD).
* Expertise in usage of version controls like GIT, TFS and SVN.
* Sound knowledge of Continuous Integration practices and tools such as Azure DevOps.
* Design, develop, test, and maintain the application based on ASP.NET, ADO.NET.
* Efficient with using container systems like Docker and container orchestration like EC2 Container Service, Kubernetes, and Terraform.
* Used Kubernetes to manage Docker orchestration and containerization and to orchestrate the deployment, scaling and management of Docker Containers.
* Excellent work ethics, self-motivated and quick learner.
* Strong analytical and dynamic troubleshooting skills coupled with excellent communication skills and able to work individually and as a team.

**Technical Skills:**

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| **.NET Technologies** | .NET, ASP.NET 4.5/4.0/3.5, Web Services, Web Forms, ADO.NET, WCF, WPF, Entity Framework, Angular JS, Angular 24/5/6/8/9/11, GitHub, Visual Studio |
| **Programming Languages** | C#.NET, VB.NET, C, Visual Basic 5.0/6.0(VB), Shell Scripting, UML, SQL, ASP.NET, .NET CORE, ADO.NET, LINQ, XML, XSLT, T-SQL, WCF, .NET 4.0, MVC Framework, Web API, Entity Framework, HTML, CSS, Java Script, Angular, PHP, Power-Shell, SQL, T-SQL, PL/SQL |
| **Operating Systems** | Windows NT/95/98/2000 and UNIX, MS-DOS, Win 2K3 Servers, XP, Windows 7/8/70 |
| **Databases** | MS SQL Server 2019/2017/2015, SQL Server, Oracle, IBM DB2 and Cosmos DB |
| **Cloud Technologies** | Microsoft Azure, Azure Kubernetes Services, OpenShift, Amazon Web Services (AWS) |
| **.NET Versions** | .NET Framework 4/3/2, ADO.NET |

**Professional Experience and Project Details:**

**Client: Broadridge Financial Services, Newark, NJ**  **Apr 2021 - Till date**

**Sr. Lead Software Developer**

**Responsibilities:**

* Involved in all stages of SDLC including designing, coding, testing, and implementing the application following Scrum (Agile) methodology.
* Utilized .NET and SQL to create efficient and interactive web applications that are compatible with many popular browsers.
* Extensive experience in .NET development with expertise in deploying and managing .NET applications on Kubernetes.
* Used Helm to manage Kubernetes charts. Built and managed Kubernetes files and managed releases of Helm packages.
* Built microservices and was sent to the Docker registry using Jenkins’s pipeline, after which they were deployed to Kubernetes, where they were managed and pods were formed.
* Used Kubernetes and Docker on the Azure platform to host multiple applications.
* Developed custom directives and pipes on Angular 9/11 and implemented core functionality using ASP.NET MVC Framework (C#.NET).
* Designed and developed user interface using JSON, JavaScript, HTML/HTML5, CSS3, AJAX, jQuery, Bootstrap and Angular 9/11.
* Used .NET Validation Controls and client-side validation using Angular 9 to perform validations on web forms.
* Working on Azure for highly available customer facing B2B and B2C applications.
* Skilled in designing and developing applications that uses Azure Storage - Storage accounts, Azure SQL Server. Also familiar with other databases technologies in the .NET ecosystem such as SQL Server, MySQL.
* Wrote PL/SQL code for data manipulation and retrieval, optimizing database performances.
* Developed N-tier web applications in .NET environment using C#, .NET, ASP.NET CORE Web API 2.0, Entity Framework, Console Applications, Web forms, Win Forms using VS 2019 and SQL server 2019. Implemented Angular components for the front end.
* Used MVC Framework for developing the application as it will distribute the development in Model, Views, and Controllers and it supports stateless development.
* Used swagger files to create or update configuration of objects.
* Designed and developed various classes in C#.NET to implement the business logic and event handling.
* Developed and designed API’s using Azure API Apps. Used Web API 2.0, Entity Framework with SQL server as backend.
* Created database with Azure which integrates Active Directory. Deployed and maintained windows phone applications on Azure cloud technologies.
* Deployed JSON Scripts for deploying the pipeline in Azure Data Factory that process the data using the SQL activity.
* Very good experience in deploying the project/system in Client tenant on Azure Cloud platform for smooth running.

**Environment**: ASP.Net Core 5.0, C#, Web API, Angular 9/11, Typescript, ASP.NET Web Forms, HTML5, SQL Server, Kubernetes, Azure Cognitive Search, Azure storage account, Power shell, Visual Studio 2019, Azure storage emulator.

**Client: Ascena Retail Group, Pataskala, OH** **June 2018 - Mar 2021**

**Sr. Software Developer**

**Responsibilities**:

* Involved in Requirements gathering, Development, Testing and delivery of application. Followed agile methodology and Scrum. Provide better estimates while spending less time creating them and make sure we were in control of the project schedule and state.
* Developed interactive and responsive web applications using Blazor 8, Microsoft’s latest web framework, followed by debugging Blazor applications using browser developer tools, Visual Studio debugger and Blazor built-in debugging features to identify and resolve issues.
* Developing APIs and Microservices architecture using Azure functions with ASP .NET Core and C# as the programming language.
* Integrated React with .NET applications for dynamic, data-driven user interfaces.
* Used Build and Release pipeline in Azure DevOps to deploy the services.
* Developed code to call the web service/APIs to fetch the data and populate the UI using jQuery/AJAX and Vue.js/AJAX. Also worked with Vue.js forms, validations, modules, components, directives, controllers and HTTP request.
* Manipulated DOM, handled events and applied animation effects with Vue.js.
* Design and develop microservices, deploy them to the cloud (AWS) for better load balancing and load sharing and improve efficiency. These microservices will be further used by my team members.
* Used Microservice architecture, based services interacting through a combination of REST and leveraging AWS to build test and deploy identity Microservices.
* Involved in complete application stack in Amazon Web Services (AWS) like EC2, and S3 bucket.
* Responsible for maintaining and expanding AWS (Cloud Services) S3 infrastructure using AWS (SNS, SQS).
* Worked on Azure Storage accounts and Azure SQL.
* Extensively used Extract, Transform Loading tool, to populate data from various data sources. Data Integration with in and outsources and destinations scheduling and running the packages through SQL server agent.
* Implemented a CI/CD pipeline involving GitLab, Jerkins, Chef, Docker and Selenium for complete automation from commit to deployment.
* Responsible for cloud migration, also ensuring adequate resource availability and optimal utilization for Amazon Web Services platform.
* Conducted unit testing and integration of Blazor components and services using testing frameworks such as xUnit and NUnit.

**Environment**: C#, ASP.Net Core 3.0, Blazor 8, CI/CD, Vue.js, Node.js, Web API, Power shell, Visual Studio 2019, Amazon Web Services – EC2 and S3 bucket, SQL Server 2012, Bootstrap, CSS, HTML, JavaScript, NUnit and xUnit.

**Client: New York State, Albany, NY** **September 2017 - April 2018**

**Software Developer**

**Responsibilities:**

* Involving in Requirements gathering and understanding business requirements, designing, and implementing the requirements in the project.
* Developing in payment processing and merchant service provider payment gateway integration with the BOS application.
* Implementing AngularJS Controllers to maintain each view data. Also implemented Angular Service calls using Angular Factory.
* Migrated SQL Server DB to SQL Azure DB using SQL Azure Migration Wizard.
* Using MVC Framework for developing the application will distribute the development in Model, Views, and Controllers and it supports stateless development.
* Involved in converting web forms project into MVC architecture.
* Developing front end using HTML5, CSS, jQuery, JavaScript and AngularJS.
* Developing applications using Web API 2.0, Entity Framework with SQL Server as back-end.
* Designing and developing the Data access layer using Entity Framework integration.
* Designing and developed various Classes in C#.NET to implement the business logic and event handling.
* Involved in converting .NET application to Microsoft Azure Cloud service project.
* Designed interactive UT’s using one-way Data flow, React Native components.
* Performing Unit Testing using NUnit for optimizing the efficiency of the application.
* Following the agile methodology and Scrum. Provide better estimates while spending less time creating them and make sure we were in control of the project schedule and state.

**Environment**: .NET Framework 4.6, .Net Core, C#, ASP.NET MVC, ASP.NET Web Forms, ADO.NET, LINQ, CSS3, JavaScript, jQuery,Angular JS, TFS, SQL Server 2012, ADO.NET, WCF, Web API, HTML5.0, IIS 8.5, SSRS, XML/JSON, NUnit, DevOps

**Client: Glance IT Solutions, India September 2016 – July 2017**

**Software Developer**

**Responsibilities:**

* Utilizing technical expertise Performs design/analysis, and coding and unit testing of complex to highly complex system functionality and/or defect correction across multiple platforms. Identifies solutions to improve system performance and impact availability.
* Followed Agile based development environment and participated in Daily scrum calls, Backlog refinement, Sprint Planning and Retrospective meetings.
* Understanding business requirements, designing, and implementing the requirements in the project.
* Developing User Interface screens using HTML5, CSS, jQuery, JavaScript, ASP.Net Web Forms.
* Developing applications using Web API, Entity Framework with SQL Server as back-end.
* Designing and developing the Data access layer using ADO.Net integration.
* Designing and developed various Classes in C#.NET to implement the business logic and event handling.
* Understanding business requirements and implementing the same in the project.
* Involved in Unit testing, bug fixing, Functionality testing, Integration testing and User acceptance testing.
* Provided production support for the current release along with the regular development for the next release.
* Integrated the services with the NPCI system to pass the data from NPCI to ICICI and Vice versa using web API.
* Developed Rest Services usingReactJS to serve the web applications with JSON data.

**Environment:** Technologies & Tools**:** C#.Net, ASP. Net, MVC, Web API, WCF, Web services, RabbitMQ, SFTP and GnuPG, SQL Server 2008 and SSRS

**Client: Hudda Infotech Private Limited, Hyderabad, India June 2014 – July 2016**

**Jr. Software Developer**

**Responsibilities:**

* Working as a module leads to managing the team.
* Attending the client meetings for gathering the requirements.
* Understanding business requirements, designing, and implementing the requirements in the project.
* Involved in developing web pages using ASP.NET web forms.
* Involved in generating reports using RDLC and SSRS.
* Involved in developing back-end services.
* Involved in designing and developing console services.
* Responsible for achieving all the Service Level Agreements (SLA) in terms of performance for the project given by the client.

**Environment:** Technologies & Tools**:** C#.Net, ASP. Net, HTML, CSS, JavaScript, WCF, and Web services, MSMQ, SQL Server 2008, Octopus, and TeamCity.

**Education:**

Bachelors in Technology, Computer Science from JNTUH-2014, India.