**Sreenivas Pagadala**

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**Azure Dot Net Developer**

**Professional Summary:**

Having around 14 years of experience with Web & Windows and Database on-premise and Azure Cloud-based applications in all aspects of the SDLC involving requirement gathering, analysis, documentation, design, implementation, testing, deployment, and maintenance.

* Around 5 years’ experience in Azure Cloud development (API Management, **Azure Web Apps, Azure Functions, Service Bus, key Vault, Event Grid, Active Directory, Data Lake Storage, Data Factory, Application Insights, Logic Apps**, etc.) and operations (Azure DevOps) & integration of various systems through RESTful APIs.
* 2 years’ experience designing, developing, and implementing **Event-Based Microservice** Architecture applications.
* Proficient in programming in .Net Core, C#.NET, **Typescript,** **Asp.net Core Web API**, WCF, ASP.NET, **Asp.net MVC**, **Asp.net Web API**, Windows Forms, **Entity Framework, LINQ,** SQL Server, **Cosmos DB**.
* Proficient in translating user requirements into delivery of technical solutions.
* Experience implementing Token-based authentication, **OAuth 2.0, OpenID Connect**, Window, and Form Based Authentication.
* Experience with Relational (**SQL Database**) & No-SQL (**Cosmos DB**) database design, querying, stored procedures, views, joins, performance management, reports, etc.
* Solid understanding of **OOPs concepts** and **Solid principles**.
* Familiar with **Azure DevOps** and containerization tooling such as **Docker** and **Kubernetes**.
* **Angular developer** with 2+ years of experience in designing and implementing single-page applications (SPAs) using Angular frameworks.
* Developer Smart contact for the Ethereum network.
* 6 months of experience developing **mobile applications** using **Ionic Angular**.
* Hands-on experience in writing unit test cases using the **MOQ unit framework**.
* Experience in developing applications in Agile methodology / SCRUM environment.
* Worked on multiple projects in sectors like **PAYROLL Processing, MANUFACTURING, BANKING, LEARNING AND EDUCATION Platforms, HEALTH CARE, RETAIL, INSURANCE and FINANCE.**
* Strong analytical, interpersonal, and communication skills with the ability to lead a team technically and work independently.
* Excellent organizational and time management skills with the ability to manage multiple priorities to accomplish objectives and goals.
* Work closely with business analysts, subject matter experts, development teams, and testing teams of application projects.
* Self-motivated and quick at learning new technologies and concepts.

**Education Details:**

* Master of Computer Applications from Osmania University.

**Technical Skills:**

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| --- | --- |
| Programming Languages |  C, C++, C#.Net, Python, Typescript. |
| .Net Frameworks | NET Framework 2.0/3.5/4.0/4.5, .Net Core 2.0/2.2/3.1, .Net 6.0/8.0, WCF, Entity Framework |
| Web Technologies | Asp.net Core Web API, ASP.NET MVC, Asp.net Web API, ASP.NET, Soap Web Services, JavaScript, jQuery, Node.js, Angular (2,4,16) |
| Databases | Microsoft SQL Server, Mongo DB, Cosmos DB |
| Source Control  | Azure DevOps Repos, VSTS, GitHub, TFS |
| IDE Tools | Visual Studio, SSMS, Visual Studio Code |
| Tools  | Fiddler, Postman, Robo3T, NoSQL Booster, Service Bus Explorer, Storage Explorer |
| Design Patterns  |  MVC, Factory Design Pattern, Dependency Injection, Singleton, Unity of Work, Facade pattern, CQRS  |
| Cloud Technologies | Microsoft Azure- App Services, APIM, Storage, SQL Server, Service Bus, Functions, Event Grid, Active Directory, key Vaults, CI/CD, App Insights, Data Lake Gen2, Data Factory, Cosmos DB, Azure App Configuration, Terraform. |
| Operating Systems | Windows 10, Windows 7, Windows XP |
| Client-Side Technologies | Angular16, Angular 8, HTML, JavaScript, jQuery. |

**Professional Experience:**

**LGL TECHNOLOGIES LLC TEXAS Nov 2022 - Present**

**Client: Publix**

**Role: Azure Dot Net Developer.**

**Projects: Industrial Safety Assessment.**

 **Electronic Money Services Transfer.**

**Responsibilities:**

* Implemented various components, layouts, and forms within **Blazor applications**, by using Razor syntax and C#.
* Integrating Blazor applications with other .NET technologies such as **ASP.NET Core Web API** for backend services.
* Providing Security to the Blazor Application using **Azure AD**.
* Implemented **Azure DevOps** for continuous integration and continuous deployment pipelines (CI/CD).
* Use Microsoft’s package for integrating Azure AD authentication middleware into your Blazor application.
* Implementing data access layers and repositories using the **Cosmos DB** SDK to interact with Cosmos DB collections.
* Migrating AngularJS project to **Angular 16**, leveraging **TypeScript** and **Angular CLI**.
* Migrating modules or features incrementally from AngularJS to Angular 16 while maintaining application functionality.
* Integrating Angular 16 frontend with backend Web API services.
* Implementing unit tests using **Jasmine** and **Karma** for Angular 16 components and services, ensuring code quality and regression testing.
* Creating the tasks for the committed Product Back log items and providing effort estimates.
* Effective participation on solving the **technical blockers** for the team members.
* Integration of Services bus with event driven microservices architecture.
* Created the Http Trigger function apps for assessment creation.

**Company: SAPPHIRUS SYSTEMS Feb 2022 – Oct 2022**

**Role: .NET FULL STACK DEVELOPER**

**Responsibilities:**

* Work in an **Agile** environment, delivering functionality on time with quality as the highest priority.
* Gathering requirements, preparing estimates, analysis, design, implementation, and test phases of the **SDLC**.
* Designed and developed multiple Web applications, using front-end technologies like **.NET Blazor**, **React, Angular**, **TypeScript**, **Bootstrap CSS**, **Tailwind CSS**, with responsive design.
* Implemented **security** for portal angular applications using **OpenID** **Connect** and **OAuth2** protocols.
* Designed and developed **microservices** applications using **Asp.Net Core framework**, **C#**, **Web API**, **SingalR, Entity Framework Core,** **LINQ**, **Azure SQL Server**. Each micro frontend is highly maintainable, testable, and independently deployable, which have its own database (DB Project), API layer for client browser to server communication, business logic layer, repository layer for backend database communication, and a web UI layer.
* Responsible for UI design with Angular, Bootstrap, Java Script, CSS. HTML,
* Developer Smart contact for the Ethereum network.
* Followed **TDD** (Test Driven Development), created **unit** and **integration** **test** **cases** for business functionality. Used **Moq** **mocking library** in unit testing to isolate classes under test from their dependencies.
* Created **docker** images for microservices by defining **docker files** and running the **docker container**(s) locally to test before deploying into higher environments.
* Work with **Azure DevOps** for creating Projects under our Organization and created Azure GIT repositories for our microservices / micro frontends. Defined branching strategy and CI/CD Pipelines, to support multiple parallel feature development.
* Work in **Azure Portal**, for creating App Services, Azure SQL Databases under resource group to support our development environment.
* Built tools for generating various kinds of **HL7** messages dynamically, and process different **HL7** messages.
* Work with Atlassian products for project management. Used **Jira** for planning, tracking, and managing our agile development cycle, **Confluence** for creating design documents with use case diagrams and technical details for all feature implementations, **Azure Git** for source control, **Terraform** CI / CD pipelines.
* Created the Event Grid Trigger to store the data in the table storage.
* Integrated 2 different applications using the service bus.

**CGI INFORMATION SYSTEMS Nov 2020 - Jan 2022**

**Client: SHELL**

**Role: TECH LEAD**

**Responsibilities:**

* Hands-on coding experience in developing **cloud-native applications** using Azure PaaS services such as **Azure Functions, Azure Logic Apps, and Azure App Services**.
* Design, develop, and maintain web applications using **MVC architecture**.
* Implement ORM (Object-Relational Mapping) tools like Entity Framework to facilitate data access for the **MVC Application**
* Ensure that the **MVC principles** are adhered to in the design and implementation of applications.
* Implemented OAuth 2.0 for Securing the **MVC Web Application**.
* Mentor junior developers and provide guidance on **MVC best practices** and development techniques.
* Implemented RESTful APIs using **Azure API Management** for secure and efficient communication.
* Utilized **Azure Cosmos DB** for globally distributed database solutions, ensuring low-latency data access and high availability.
* Implementing DevOps practices using **Azure DevOps** for continuous integration and continuous deployment pipelines.
* Implementing Azure security best practices, including **Azure Active Directory** for identity management, Role-Based Access Control **(RBAC)**.
* Worked on understanding on the backend API Services to get extract the data from different regional collectives.
* Creating the basic project structure.
* Working on code reviews.
* Creating the tasks for the committed Product Back log items.
* Providing the effort estimates for the Product Back Log Items.
* Effective participation on solving the technical blockers for the team members.
* Worked on **Entity Framework core migrations**.
* Participated in the client calls for functional requirements understanding.
* Participated in Sprint planning, review & retrospective.
* Host the meetings to conduct the demos for the committed product back log items.

**Environment:** C#, ASP.NET MVC Core, Web API, SQL Server, Entity Framework Core, Azure table storage, Azure Cosmos DB.

**CAPGEMINI Dec 2016 - Nov 2020**

**Client: EUROCLAR.**

**Role: TECH LEAD**

**Responsibilities:**

* Worked on understanding the requirements with product owner and designer.
* Creating the basic project structure.
* Working on code reviews.
* Creating the tasks for the committed Product Back log items.
* Providing the effort estimates for the Product Back Log Items.
* Effective participation on solving the technical blockers for the team members.
* Worked on Entity Framework core migrations.
* Participated in the client calls for functional requirements understanding.
* Participated in Sprint planning, review & retrospective.
* Host the meetings to conduct the demos for the committed product back log items.
* Communicating with the operations team on deployment requests, branch creation, creating requests for granting access to the TFS branch for the team members.
* Using **SSIS packages** integrate data from diverse sources such as SQL Server, flat files, Excel, XML, and web services.
* Utilize data flow components in **SSIS** to manipulate and transfer data efficiently between different systems.
* Monitor and optimize the performance of **SSIS packages**, including tuning data flow operations and minimizing execution time.
* Implement best practices for error handling, logging, and debugging to ensure robust data processing in the **SSIS packages.**
* Design, develop, and maintain web applications using **MVC architecture**.
* Created the View, Partial Views and Controllers using the **MVC Templates**.

**Azure development:**

* Worked on tables creation on Azure table Storage.
* Creating the REST API to perform the CRUD operations on Azure Table Storage.
* Generating the SAS token on demand basis for the operations team.
* Migrating of data from Table Storage to Azure Cosmos DB.

**Environment:** C#, ASP.NET MVC Core, Web API, SQL Server, Entity Framework Core, Azure table storage, Azure Cosmos DB.

**VALUELABS May 2015 - Oct 2016**

**Client: American Credit Acceptance**

**Role: Lead Analyst**

**Responsibilities:**

* Worked on the development activities for the Current Sprint.
* Worked on the various proof of concepts which are applied in project.
* Worked on implementing the server-side code for the Current sprint items.
* Implementing the Code review comments.
* Worked on writing the Unit Test cases using Mock framework.
* Participated in the client calls for functional requirements understanding.
* Participated in Sprint planning, grooming & retrospective & Demo sessions.
* Assisting the team members to implement the code changes in the existing architecture.
* Assisted the other project team members to implement the code changes in the existing architecture.
* Design, develop, and maintain web applications using **MVC architecture**.
* Implement ORM (Object-Relational Mapping) tools like Entity Framework to facilitate data access for the **MVC Application**

**Environment:** Asp.Net MVC 4.0, C#, Web API, SQL Server, Entity Framework, jQuery, WCF.

**TATA CONSULTANCY SERVICES Aug 2014 - Jan 2015**

**Client: Microsoft India Private Limited.**

**Role: Sr. DOTNET Developer**

**Responsibilities:**

* Worked on the development activities for the Current Sprint.
* Worked on the various proof of concepts which are applied in project TALON.
* Generating the Code Flow for the developed code.
* Implementing the Code review comments.
* Worked on writing the Unit Test cases (N Substitute framework) & Integration Test Cases.
* Worked on Creating the Stored Procedures, Functions and Inline **SQL Queries** to fetch the data from the TALON Database.
* Worked on JOINS, Sub Queries and Correleated Subqueries in **SQL Server**.

**Environment:** Asp.net MVP, C#, Web API, SQL Server 2012.

**TATA CONSULTANCY SERVICES Dec 2013 - Jun 2014**

**Client: Microsoft India Private Limited.**

**Role: Sr. DOTNET Developer**

**Responsibilities:**

* Worked on the change requests which were planned for the Current Sprint.
* Working with the test Team to get the functional understanding on the requirements.
* Worked on deploying the changes in the Development Environment.
* Worked on preparing the deployment Document.
* Worked on Creating the Stored Procedures, Functions and Inline **SQL Queries** to fetch the data from the patent portal Database.
* Worked on JOINS, Sub Queries and Correleated Subqueries in **SQL Server**.

**Environment:** Asp.net MVC, C#, Web API, Knockout, SQL Server, WCF, jQuery.

**TATA CONSULTANCY SERVICES Jul 2013 - Nov 2013**

**Client: Humana**

**Role: Sr. Developer**

**Responsibilities:**

* Worked on the KIC Project (13.01 Release) Code Changes for the STD/LTD products.
* Worked on the SB-Age Rated LTD/STD code changes for the Aged rated products.
* Worked on the HCR Exchange (14.01 release) project for building the Fulfillment console application.
* Conducted Knowledge Sharing sessions on the functional aspects of the Account Management System.
* Worked on preparing the Unit test Cases for the code changes done.

**Environment:** C#.Net, SQL Server 2010, SSIS, WCF.

**TATA CONSULTANCY SERVICES Nov 2010 - Jan 2013**

**Client: Ecolab**

**Role: Developer**

**Responsibilities:**

* Worked on Bug Fixes
* Manual Testing.
* Worked on reverse engineering the code.
* Worked on Dev express control charts.
* Worked on fine tuning the query performance.

**Environment:** C++, C#.Net, SQL Server, Aspen TECH Manufacturing Suite.