**SUBHANKAR D**

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**PROFESSIONAL SUMMARY:**

My technical expertise includes more than 8 years in Microsoft technologies like .NET, C#, WCF, SSRS and SQL server, Angular, NodeJS, odata, oauth2.0, Asp.Net MVC, .Net Core, MicroServices, Azure Experience, which includes Production Support/web development/enhancement/maintenance. Excellent understanding of Software Development Life Cycle and Test Methodologies from project definition to post-deployment documentation to production support activities. Proven ability to design, develop and implement new software solutions and in the customization of existing solutions to specifications and on schedule, under budget and to scope.

**TECHNICAL SKILLS:**

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| **Microsoft Technologies** | .NET Framework (4.6/4.5/4.0/3.5), ASP.NET  4.5/4.0/3.5, ASP.NET MVC (5.0/4.0),  ADO.NET, LINQ, Web Services, Web API  (2.2/2.1), Entity Framework (6.0/5.0), WCF,  Microsoft Orleans 2.0\ |
| **Version Control Tools** | Visual Studio Team Services (VSTS), Team  Foundation Server (TFS), GitHub\ |
| **Database Technologies** | MS SQL Server 2016/2014/2012/2008, MongoDB, Oracle 12c, Couchbase |
| **Web Technologies** | HTML (5.0/4.0), CSS 3, JavaScript, jQuery,  Bootstrap, AJAX, Angular JS (9/8/7/5/4/2/1.5/1.3) |
| **Development Languages** | C, C#, Java, SQL\Graph QL |
| **Design patterns** | MVC, Singleton, Factory, Builder |
| **Web Server** | IIS 8.0/7.5/7.0/6.0/5.0 |
| **Architecture** | MVC, Microservices, SOA |
| **Reporting Services** | SSRS (2012/2008), Crystal Reports 14.2. x. |
| **Testing** | N-unit Testing, Fiddler, Postman, JIRA, Bugzilla |
| **Cloud Services** | Microsoft Azure, Azure App Services, Azure Cloud Services, Azure Function Apps, Azure Service bus, Azure MongoDB, Azure Media Services, Azure SQL, Azure logic Apps.  AWS, AWS EC2, AMI, AWS IAM, AWS ELB, Auto scaling, AWS SNS, SES, AWS S3, RDS |

**PROFESSIONAL EXPERIENCE:**

**EdAssist, Watertown, MA Jan 2021 - Current**

**Role: Software Developer**

**Responsibilities:**

* Worked with a team in building web services and web-based applications using .NET Framework.
* Developed an integrated Razor Server Application, as a solution to replace an existing desktop application.
* Day-to-day maintenance and support of all existing applications in use at EdAssist.
* Implemented serverless solutions for automating internal and external processes to minimize operating costs and maximize application efficiency and scalability.
* Integrated with the Azure Media Services API for assets creation, encoding content, streaming endpoint, streaming locators, and policy creation to build a video streaming implementation.
* Good Knowledge of working with OAUTH2.0 to provide authentication and authorization to Rest services by exchanging Access tokens
* Constantly using the Azure Portal and KUDU to check on the health of the running services, troubleshoot issues from logs and perform analysis based on the data received
* Designing and implementing various services in angular that consume rest services from the backend written in .NET. Also Utilizing reusable components and guards to better accommodate the complete web application.
* Implemented a web application project using NodeJS and Angular stack, PayPal API integration is done to achieve the payment functionality.
* Developed and implemented RESTful APIs using C# and the .NET Framework for seamless communication between applications.
* Used Vue.JS to design a single-page application sophisticated and perfectly capable when used in combination with modern tooling and libraries.
* Created a open source java script application using VUEJS.
* Extensively used the Azure API Gateway to have a single point integration from external clients and mask our application’s backend services, key vaults, and storage.
* Using the reflection concept for mapping entities to Database objects on runtime.
* Worked with AJAX (similar technology) to develop a centralized business dashboard.
* Participate in requirements analysis Collaborate with internal teams to produce software design and architecture.
* Write clean, scalable code using .NET prog Participate in requirements analysis.
* Collaborated with internal teams to produce software design and architecture.
* Develop documentation throughout the software development life cycle (SDLC)
* Serve as an expert on applications and provide technical support ramming languages.
* Test and deploy applications and systems.

**Technology Stack:**

JavaScript, Angular.js, C#, .NET, ASP.NET, .NET Framework 3.0 – 4.7, Angular 8/9, .NET Core 2.0 above, Microsoft Graph API, Blackboard API, PayPal API, Canvas API, Nodejs, Razor Engine, Visual Studio 2010-2017, 2019.MS Azure, Azure Web Apps, Azure Function Apps, Azure Logic Apps, Azure API Gateway, Azure Media Services.

**Hilton, Memphis, TN. Jan 2020- Dec 2020**

**Role: Sr Application Developer**

**Responsibilities:**

* Work with team in building web services and web-based applications using .NET
* 4.0 technologies e.g., WCF, WF, and VB.NET.
* Developed an integrated Blazor Server Application, as a solution to replace an existing desktop application.
* Build new crystal reports and enhance existing ones as requested by internal business groups. Further, enhance other reporting technologies to improve performance and scalability of user demand.
* Fill in where needed on the development side to ensure daily operations at Hilton runs smoothly without any interruption.
* Utilized Angular 9 inbuilt directives for implementation and implemented costumed directives for the ones that are not available.
* Leveraged Angular resources for all data access, encapsulating URLs, and standardizing data access interfaces.
* Developed web pages using ASP.NET MVC 5, Entity Framework 6, C#, HTML5, Bootstrap, CSS3, JavaScript, jQuery, Angular 6/7, SQL Server 2016, LINQ, XML, and SQL Server Reporting Services (SSRS).
* Used RXJS libraries to maintain State Management in the client side.
* Participate in requirements analysis Collaborate with internal teams to produce software design and architecture.
* Involved Octopus Deploy in the Deployment of the web application to the server.
* Performed unit testing using MSTest.
* Write clean, scalable code using .NET prog Participate in requirements analysis.
* Collaborated with internal teams to produce software design and architecture.
* Develop documentation throughout the software development life cycle (SDLC)
* Serve as an expert on applications and provide technical support ramming languages.
* Test and deploy applications and systems.

**Technology Stack:**

JavaScript, Angular.js, Node JS, C#, VB .NET, Octopus, ASP.NET, .NET Framework 3.0 – 4.7, Angular 8/9, .NET Core 2.0 above, Blazor, Visual Studio 2010-2017, 2019.MS Azure, AWS, MSTest, AutoMapper, IBM Cloud.

**Comcast, Philadelphia, PA Nov 2017 – DEC 2019**

**Role: Software Developer**

**Responsibilities:**

* Developed the web application utilizing ASP.NET MVC WEB API2.0, HTML 5, CSS3, and Bootstrap which provides performance data visualization to users.
* Designed the application using WEB API and MVC architecture that promotes a clear separation of business logic and data access tiers.
* Implemented components with angular as UI and get the consume service using HTTP Client.
* Deployed web application to Microsoft Azure Service Fabric
* Used Window Azure to deploy the application on the cloud and manage the session
* Extensively used Microsoft Dapper for connecting the MS-SQL server.
* Train the resources on contract administration and CAER expectations.
* Implemented Swagger for WEB API testing.
* Used Team Foundation Server (TFS) for Version Control, Team builds, Project Management, Data Collection, and Reporting.
* Developed Stored Procedures, Triggers, and Views in SQL Server 2014 for accessing the database. Used GIT for version controlling and as code repo.
* Developed an application called processor in .NET CORE 1.0 which is used to transform data into tables from files.
* Extensive experience in various UI widgets using JavaScript libraries like angular 6, backbone.js, Require.js, Ext.js, and Node.js and developing Rich Internet Applications RIA.
* Good Experience in developing Single Page Applications using Angular 5
* Used WEB API (Restful services) to fetch data and bind it to User Interface and use OAuth 2.0 for authentication of WEB API.
* Responsible for installation, configuration, administration, and support of various middleware products like WebSphere application server, Confidential HTTP Server, and WebSphere MQ running on AIX and Linux.
* Used Team Foundation Server for version control, branching, and MS build and do for project management, bug tracking, and issue tracking.

**Technology Stack:**

.NET Core 1.0, Visual Studio 2017, Visual Studio Code, SQL Server 2014, Web API, Angular 5.0, C#, ASP.NET, REST, Microservices, Entity Framework, UML, Ajax, SSRS, AutoMapper, RabbitMQ, SSIS, GitHub, Cosmo DB, WebSphere MQ, Postman, Microsoft Azure, Azure App Services, Azure service bus, Azure logic Apps, MSTest, Azure Data Factory, Azure Databricks, Azure Synapse, Azure DevOps (Boards), Red gate, Octopus, Bit bucket, KAFKA, Bamboo, Cucumber, Microsoft IIS (Internet Information Services) 8.0, Agile (SCRUM).

**Credit One, Harrisburg, PA Jan 2016 - Oct 2017 Role: ESR Developer (ASP.NET)**

**Responsibilities:**

* Involved in gathering and designing the requirements from clients for product design and enhancements. Designed and documented TDD-Technical Design Document. Followed UML Concepts for designing TDD.
* Followed OOPS concepts and UML for developing the application with C#, and ASP.NET.
* Developed GUI using .net framework 3.5, C#.NET, [ADO.NET](http://ado.net/).
* Migrated web applications from ASP.NET from 3.5 to 4.0.
* Worked with Team Foundation Server for version control and project tracking.
* Implemented Save, View, Edit, and Delete functionality for user-customized reports. Functionality to add the saved reports as favorites are implemented.
* Implemented LINQ to XML with ASP.NET.
* Created Azure Web Application projects, updated and deployed ASP.NET Web apps, and Web Jobs using visual studio, GitHub, and Azure Resource Manager.
* Developed and Scheduled Data Load jobs in Data Studio Tool/Cosmos UI using Scope Scripts from both Structured and Unstructured streams.
* Worked on NGP Onboarding to Implement Delete Processor in Cosmos/Azure SQL
* Microsoft Azure PaaS Services, Strategy, and Planning. Configure Azure cloud service for endpoint deployment.
* Enable Open ID and Windows Live authentication in Azure cloud apps
* Worked on creating Azure Blob for storing unstructured data in the cloud as blobs.
* Used Persisted row selection of the GridView and ListView controls supported in .NET 4.0.
* Decisive, action-oriented, and result-oriented software professional. Demonstrated outstanding execution abilities, problem-solving skills & analytical abilities alongside technical and functional expertise.
* Developed an add-on application for Report Statistics using C#.net and Reporting services database. Performed manual testing and data validation of the application with PIVOT Tables

**Technology Stack:**

**.**NET Core 3, Google Cloud Messaging, WebSphere MQ, RabbitMQ, Firebase Cloud Messaging, FcmSharp, Visual Studio 2017, SQL Server 2016, Web API, OAuth 2.0, C#, UML, Ajax, TFS, JIRA, Fiddler, Postman, Kibana, WebSphere MQ Couchbase 6.0, Cosmo DB, Microsoft Azure, Azure App Services, Azure service bus, Azure Data Factory, Azure Databricks, Azure Synapse, Azure logic Apps, vb.net, Agile (SCRUM**).**

**Inforaise Tech, Hyderabad, India May 2013 - Jun 2014**

**Role: Software Developer Intern**

**Responsibilities:**

* Created an Entity Framework prototype that works on Code first approach mechanism, and was part of updating the DB.
* Monitored via remotely run scripts Ambari, Azure Data Factory, and Blobs.
* Azure Storage development and design utilizing Blobs, Pages, Queues, Tables, and VMs.
* Library work involved designing classes for programmatic control of Azure.
* Experience with Microsoft Azure Services like IaaS and PaaS.
* Designed CSS templates for use on all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
* Applied optimization techniques to reduce page size and load times to enhance user experience using sprites and Used React-Router to turn the application into Single Page Application
* Been part of converting XML to JSON and vice versa for web services functionalities.
* Designed and updated all the modules with SOLID principles in consideration.
* On the Front-end I worked with various JavaScript libraries such as AJAX, Angular JS, Node JS, HTML, and CSS for building dynamic and responsive pages and Bootstrap 3.x for device compatibility.
* Worked with Version control tools such as GIT. Responsible for technical troubleshooting, and root cause analysis, performed Azure deployments, and applied migration on the Azure

**Technology Stack:**

**.**NET 4.6, WCF, Web services, ASP.NET MVC, ADO.NET EF 6.0, C# v6, SQL Server 2014, IIS 7.5, Azure, Visual Studio 2015, SSRS, WebSphere MQ, Cosmo DB, NUnit, Crystal Reports, GIT, MSMQ, CSS 3, Angular JS, Bootstrap 3.x, Microsoft Azure, Azure App Services, Azure service bus, Azure logic App NodeJS, ReSharper.

**EDUCATION:**

* Master’s in Computer Science

DePaul University – DEC 2015

* Bachelor’s in Computer Science and Engineering

Jawaharlal Nehru Technological University Hyderabad – MAY 2014