AQEEL MOHAMMED

Email : aqmohammed123@gmail.com
Phone No. - 0530503890

Professional Summary:

- **7+ years** of experience specialized in the .**Net Technology**, **DevOps Environment**, **Amazon Web Services** (AWS), **Linux**, and **SQL Server**.
- Experienced in developing and deploying Web Forms, Win Forms, and Web service applications extensively.
- Experienced in UI, **front-end development** using **JavaScript** framework, client-side template, data-binding and script based UI controls.
- Proficient in developing systems built on **SQL Server** 2008, 2012, 2014 using Tables, Triggers, Views and Stored Procedures in SQL and maintaining the database, including requirement analysis, design, data conversion, loading and implementation.
- Strong knowledge of web technologies like HTML, XML, XSLT, JSON, JavaScript and JQuery.
- Experience in working with Web Forms, Web APIs,User Controls, and Web Controls **using AngularJS, HTML/HTML5, CSS, CSS3, XML, JavaScript, JQuery, JSON, and Visual Studio** (2015/2013/2012/2010/2008/2005).
- Experience in design using Object Oriented Programming Principles like Polymorphism, Inheritance, Encapsulation
- Experience which comprises of Agile methodologies and implementation along with Linux System Engineer, Build/Release Engineer, **Continuous Integration/Continuous Deployment** and **Cloud computing** with Amazon Web Services using best practices in Agile, Scrum and Waterfall methodologies.
- Expertise in DevOps culture through CI/CD tools like source code repositories GIT, Bit Bucket Continuous Integration **Jenkins**, binary code repositories for **artifacts**.
- Sound knowledge of **Postman** APIs testing tool.
- Integration of AWS cloud services with on-premise technologies from VMware, Microsoft, and Oracle.
- Experience in **VPN/Direct** Connect between AWS and Customer Data Centre.
- Understanding network protocols and services such as DNS, HTTP(S), SSH, FTP, SMTP, DHCP, TCP, IP and so on.
- Hand on experience in implementing and supporting AWS environments.
- Strong knowledge on **EC2, S3 Storage, VPN, IAM and Route 53**.
- Experience in Migration from on-premises to Cloud using AWS migration tools
- Proficient in **MS Excel** and other **MS office** tools

Education:

Master of Science (MS)   **Jun-2017**
Tuskegee University, Alabama, USA

Master of Computer Application (MCA)   **Jun-2010**
Jawaharlal Nehru Technical University (JNTU)

Bachelor of Science (BSc)   **Apr-2007**
Osmania University (OU)

Certification:

- **AWS Certified Solutions Architect – Associate**

.Net Technologies:	.Net Framework (4.5/4.0/3.5/3.0/2.0), ASP.NET, ADO.NET, C#.NET, SharePoint, Entity Framework , MVC, Web API, WPF, Win Forms, Web Forms, Windows Services, AJAX, jQuery, AngularJS.
Languages:	C#.Net, VB.NET, XML, Java Script, HTML, HTML5, XHTML, XSL
Microsoft Technologies:	.NET Framework (4.5/4.0, 3.5, 3.0), XAML, LINQ, ADO.NET, Entity Framework.
IDE Tools:	Notepad++, MS Visual Studio, SQL Server Management Studio, MS Test.
Version Control Tools:	Team Foundation Server (TFS), GitHub, SubVersion (SVN).
Servers:	Windows Server 2008/2003/NT, Microsoft IIS (7.0/6.0/5.0/4.0)
Framework:	Bootstrap, jQuery and AngularJS.
Data Base:	My SQL, SQL Server (2012, 2008,2005),MS Access, T-SQL
Operating Systems:	Windows 2003,2008,2012, XP, Windows 7 OS X, Linux
Cloud Service:	Amazon Web Services – EC2,S3,CloudWatach,IAM, Route-53, Cloud Formation, AWS-Lambda, API Gateway, Google Cloud Platform (GCP)
Configuration Management	Jenkins, Puppet and Ansible.

Professional Experience:

Digital Bow - Hyderabad, Telangana, India.   **Oct' 2021 – Mar' 2023**
Role: .Net Developer

Responsibilities:

- Involved in the complete **Software Development Life Cycle (SDLC)** including Analysis, Design, Implementation, and testing the application.
- Involved in development of UI (**User Interface**) Pages using the **HTML5, CSS3, BootStrap**, Master Pages & ASP.NET Controls and **ADO.Net**.
- Designed and developed application using **MVC5, Entity FrameWork** and **C#**.
- Designed the application as 3-tier architecture using C#, **Java Script, AngularJS** for the user interface using the Code behind Class technique
- Worked with **Web API, Entity Framework, ADO.NET, SQL Server, HTML, CSS, JavaScript, AngularJS, JQuery, Bootstrap.**
- Developed front-end application using **JavaScript** and **AJAX** to retrieve data and calling web services for updating the partial page without reloading the complete page.
- Coordinated with development team and developed efficient solutions for SharePoint.
- Design advanced **web sites** and **pages** using **SharePoint** web parts combined with HTML, CSS and JavaScript
- Developed SPA (**Single page Applications**) using **AngularJS**'s Ng-directives, Ng-Module, and Ng-Controller.
- Integrated **Web Service, WCF** (Windows Communication Foundation) and **Web API** into the applications.
- Using SQL server 2014 database as back-end along with the **Entity Framework and LINQ** (LINQ TO SQL) to access the databases.
- Implementing the data access layer using Entity Framework Code First approach and writing queries using LINQ to Entity for data retrieval.

   Environment: Visual Studio 2015, .Net Framework 4.5/4.0,C#, ASP.NET MVC 5.0 Framework, Entity Framework, Angular JS, HTML5, CSS3, AJAX, LINQ, JQuery, XML, WCF, SQL Server 2014, IIS 7.0, SharePoint, Team Foundation Service.

Key Cube Technologies- Hyderabad, Telangana, India.   **Nov' 2019 – Sep'2021**
Role: DevOps Engineer

<u>**Responsibilities:**</u>

- Involved in designing, building, maintaining internal cloud applications for the organization.
- Working in an Operational Engineering team to supporting all AWS environments.
- Worked with **Docker Containerization** and deployed application over Docker Containers.
- Installed, Configured and Administered **Jenkins Continuous Integration** (CI) Tool, experienced in working with Jenkins to build and test the applications.
- Develop a **Continuous Delivery** (CD) pipeline with **Jenkins**, **GIT** and AWS pre-built images.
- Designing and developing the CI/CD pipeline by using the integrated infrastructure tools using GIT, Jenkins, **Ansible and Maven**.
- Worked with development, testing, deployment, systems-infrastructure and project teams to ensure continuous operation of Dev and Test systems.
- Deal with various Docker components like Docker engine, Docker Hub, Docker Machine, Docker Compose.
- Installing, configuring and administering Jenkins CI tool on **Linux machines**.
- Implemented the setup for **Master slave architecture** to improve the Performance of Jenkins.
- Extensively worked on Jenkins for continuous integration and for End to End automation for all build and deployments.
- Wrote Jenkins Pipeline code and automated Build and Deployments to **Kubernetes** using Helm.
- Involved with the team to create deployment and service files in Kubernetes.
- Building automation pipelines using Terraform, conditionals and language constructs in TF.
- Installed and Configured the **Nexus repository** manager for sharing the artifacts within the company.
- Creating the Ansible Playbook using YAML to manage the server configurations
- Moving archaic systems into the cloud for more efficiency within the organization.
- Used to Transferring data and internal processes to cloud architecture.

<u>**Environment:**</u> Linux, AWS services – (EC2, S3, VPN, Route53, IAM), GIT, Maven, Nexus Repository, Python, Jenkins, Docker, Docker-Hub, Ansible, Nagios, Kubernetes and Terraform.

Client: Bell Litho Inc., Chicago, Illinois   **March'2018- July'2019**
Role: .NET Developer

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Responsibilities:

• Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, and
  testing the application.
• Developed the application using ASP.NET, C#.NET, AJAX, J-Query, JSON, HTML, JavaScript and CSS.
• Implement reusability using Master Pages and Layouts
• Develop rich, uniformed User Interface using CSS, Master pages, Themes, AJAX Controls, JQUERY
• Use Validation controls for client-side validation of Server Controls.
• Worked on creating Rest Services using ASP.NET Web API and C#
• Involve in developing required classes and interfaces using C# .NET.
• Developing custom Web services related to SOAP, RESTFUL Services.
• Created Visual web parts to retrieve data from Out of the Box List using Rest services.
• Work with ADO.NET extensively to connect and make changes to SQL Server database.
• Developed ASP.NET Web customs controls, user controls, Data Controls like Data Grid, Rich UI with extensive
  use of ASP.NET AJAX, Angular JS 2.0, Bootstrap.
• Experience in all aspects of AngularJS like Routing, modularity and Dependency injection for development of
  single page applications.
• Used JQuery to validate user controls and web forms.
• Worked with Microsoft Azure cloud services.
• Developed   Database Objects Functions, Stored Procedures, Views, and Triggers using MS SQL Server.
• Created layered components using C# Developed Web Application by using MVC patterns.
• Wrote T-SQL Statements, Stored Procedures, Triggers, Functions, and Sequences to access data from database
using Entity Framework 4.5 classes and methods for Team Management.

Environment: Visual Studio 2015, ASP.NET MVC,C#, VB.NET, SQL Server 2014, XML, HTML5, XSLT, Jquery 2.0/
JQuery UI, IIS 6.0, Entity Framework 4.5, .NET Framework 4.5, WEBAPI.

Client: First American India, Hyderabad, Telangana, India.
Role: Process Associate   **Jul'2011- Sep'2013**
Role: Junior .Net Developer   **Nov'2013- Apr'2015**

Responsibilities

- Documented transactions on an everyday basis and gathered data from various associates and prepared appropriate reports.
- Handled everyday work activities and informed supervisor appropriately.
- Performed quality check assessment on all processes of various associates.
- Maintained knowledge on all technical information and fixed all issues in transactions and perform correction where require.
- Involved in Monitor all data entry operations and ensure compliance to timeframe.
- Collected metrics regarding important data and generated correlating reports
- Ensure that all information is incorporated into the database according to the company's policies
- Performed quality checks to ensure that data integrity is maintained
- Created production process reports.
- Used to monitor all transactions and ensure compliance to quality regulations and maintain effective relationships with clients.
- Involve in the complete Software Development Life Cycle including Analysis, Design, Implementation, and testing the application.
- Implement reusability using Master Pages and Layouts
- Worked for the logistics application for the company using ASP.NET, C#.NET, AJAX, J-Query, JSON, HTML, JavaScript, Bootstrap and CSS.
- Develop rich, uniformed User Interface using CSS, Master pages, Themes, AJAX Controls, JQUERY
- Use Validation controls for client-side validation of Server Controls.
- Involve in developing required classes and interfaces using C# .NET.

Environment: Visual Studio 2010, ASP.NET,C#, VB.NET, SQL Server 2008, XML, HTML5, XSLT, JQuery UI, IIS, Entity Framework 4.0, .NET Framework 4.0.