Marcus R Jones

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SENIOR APPLICATIONS DEVELOPER

OBJECTIVE

Seeking a dynamic career path as an Azure Cloud Associate and .Net Developer, leveraging my passion for cloud technologies, software development, and problem-solving skills to deliver innovative Azure-based solutions and contribute to the success of organizations.

MICROSOFT CERTIFICATIONS

CERTIFICATION
Microsoft Certified: Azure Fundamentals
Earned on June 22, 2023

Microsoft Azure (AZ-900) | Microsoft | June 2023
- Understanding of Azure services and cloud concepts
- Knowledge of security, privacy, compliance, and trust in Azure

GENERAL CERTIFICATIONS

Certification in Information Technology - Databases
CCBC – *Essex, Maryland*

QUALIFICATIONS OVERVIEW

PROFILE SUMMARY

 Proficient in troubleshooting system defects and errors

 Track record of successfully resolving technical issues and ensuring smooth system functionality.

 Skilled in interpreting and understanding documentation and translating them into actionable plans and solutions.

 Deep understanding of relational database concepts, enabling efficient data management and optimization.

 Highly adaptable and flexible, adept at adjusting to changing priorities and deadlines

 Strong understanding of cloud concepts and software paradigmns.

 Effective communicator with the ability to convey complex ideas in both technical and user-friendly language, fostering clear understanding and collaboration.

LANGUAGES	DATABASES	WEB
C#	SQL Server	ASP.Net Core
Typescript	Oracle	Blazor
Javascript	PostgreSQL	MVC
SQL	Azure Database Options	Exposure to Angular & React

PROFESSIONAL EXPERIENCE

ICON Systems – *Orlando, Fl*
SENIOR SOFTWARE ENGINEER   *December 2023 – Present*

- Developed and maintained the Envisage application, a scalable system that communicates with embedded devices via the MQTT protocol.
- Engineered and optimized four Docker containers for a microservices architecture: Web Frontend, API, Database, and MQTT Server, ensuring seamless interaction and performance.
- Utilized Microsoft Blazor for building interactive and user-friendly web interfaces with real-time data display.
- Designed and implemented the PostgreSQL database schema to manage large-scale data efficiently while ensuring data integrity and high availability.
- Managed containerized environments using Docker Desktop for consistent development, testing, and deployment workflows.
- Collaborated with cross-functional teams to ensure system reliability, performance, and scalability.
- Contributed to troubleshooting and optimizing application performance, focusing on responsiveness and efficient device communication.
- Integrated **GraphQL** for efficient, flexible data querying between the frontend and backend services, reducing over-fetching and improving performance.

CRH America – *Atlanta, GA*
SENIOR SOFTWARE ENGINEER   *February 2020 – June 2023*

I am responsible for developing, supporting and improving products across client/server and geographical boundaries to deliver well integrated solutions leveraging the .NET framework and client-side MVC Frameworks and HTML5/JavaScript/CSS.

- Develop highly scalable Web Applications using ASP.NET MVC, Entity Framework and C#
- Currently working with Angular and MuleSoft products
- Work closely with the test engineers and product managers to ensure a high-quality product
- Follow the engineering process and deliver artifacts on time including the supporting documentation
- Responsible for client/server Web Services development, RESTful APIs Utilizing .Net Core
- Extensive experience with large relational databases, T-SQL, Blob Storage and Azure Storage
- Perform debugging, troubleshooting, and performance fine-tuning.
- Promote standard methodologies in software development
- Introduced to Angular within this opportunity
- Leaned the fundamentals of Mulesoft

Collabera– *Atlanta, GA*
.NET SOFTWARE ENGINEER III (CONSULTANT)   *November 2018 – September 2019*

As a contractor through Collabera I am responsible for developing and improving products across client/server and geographical boundaries to deliver well integrated solutions leveraging the .NET framework and client-side MVC Frameworks and HTML5/JavaScript/CSS.

- Develop highly scalable Web Applications using ASP.NET MVC and C#
- Develop automated unit tests and integration tests for all features using XUnit framework, C#, and SpecFlow
- Work closely with the test engineers and product managers to ensure a high-quality product
- Follow the engineering process and deliver artifacts on time including the supporting documentation

- Responsible for thorough documentation utilizing JIRA to break complex problems into simple stories
- Responsible for client/server Web Services development, RESTful APIs
- Extensive experience with large relational databases, T-SQL and writing high performing complex queries
- Perform debugging, troubleshooting, and performance fine-tuning.
- Promote standard methodologies in software development

Celerant Technologies – *Atlanta, GA*
DEVELOPER *April 2014 – August 2018*

I was responsible for developing solutions for ColdFusion based web sites to allow for scalable integration and structured background processing supporting multiple 3rd party products. I also integrated .NET code for further expansion and supporting AWS. This role included application architecture, database design, and working closely with clients to satisfy requirements and complete projects on time. I was further introduced to Angular 5 for developing our new sites.

- Utilize ColdFusion on a daily basis to maintain and enhance applications
- Leverage .NET language where applicable for expansion
- Implemented RESTFul services
- Created and maintained custom shopping carts for clients
- Responsible for one on one direct client support
- Within assigned portfolio, developed new code, resolved bugs, and corrected problem areas within the applications
- Managed multiple deliverables for various clients in a fast paced environment.

Macy's Systems and Technology – *Atlanta, GA*
.NET DEVELOPER (CONSULTANT) *November 2011 – November 2012*

As a contractor through SPI Consultants, I was responsible for enhancing and maintaining the company's Product Markdown planning system.

- Analyze system defects to determine the overall business impact and supply time estimates for defect correction.
- Correct defects found by business and technical users
- Utilize SQL Assistant to interact with DB2 databases on the daily basis to research, enhance and support data related activities.
- Communicate with Business and Systems Analysts on the weekly basis regarding current areas of interest.
- Utilize C#, Visual Basic, TSQL and Web services to create, alter and support business functions.
- Assists other teams with various .net technologies when required
- Monitor production activities
- Responsible for future development and enhancements

ACADEMIC BACKGROUND

BACHELOR OF ARTS IN COMMUNICATIONS
Rutgers University – *Piscataway, New Jersey*

REFERENCES AVAILABLE UPON REQUEST