ROSHNA M

Software Engineer

CONTACT

📱 +971-545926539

✉ roshnamannyath96@gmail.com

📍 Dubai

EDUCATION

🎓 BTech Computer Science & Engineering

🏛 College of Engineering Trikaripur, Kerala (CUSAT)

📅 2014 - 2018

SOFT SKILLS

📣 Good Communication

👥 Team collaboration

🕐 Time management

🏃 Adaptable

📚 Willingness to learn

HOBBIES

👨‍🍳 Baking

🎨 Craft works

💃 Dance & Music

Objective

    An enthusiastic learner and a passionate developer with in-depth knowledge in Microsoft Azure and C# programming language with 2.9 years of work experience in developing Web Application in .NET. Knowledgeable in Analysis, Development, Debugging and Testing. Equipped with excellent communication, analytical and problem-solving skills.

    I am looking to unlock new opportunities in a growth-oriented firm, where I can utilize my skills to the advantage of the company while still having a room to improve my competencies.

Technical Expertise

➢ Experienced in building a stateful server less function using Azure Durable function and Azure messaging services.

➢ Proficient in storing documents and files securely in cloud using Microsoft Azure Storage Server -Table storage, Queue storage and BLOB. Also stored data in NoSQL database – Cosmos DB to support instant scaling of data and to reduce response time.

➢ Expertise in developing ASP.NET Web API's both in .NET Framework and .NET Core following Mediator pattern.

➢ Knowledgeable in using Entity Framework for Object data mapping and in using LINQ and Lambda expressions to query the entities.

➢ Expertise in testing individual software components using MS Testing Framework and mock objects.

➢ Proficient in Agile Software Development Strategy and Object-Oriented Programming concepts.

➢ Experienced in debugging, Defect identification and resolving production bugs.

➢ Skillful in performing several levels of component testing - Integration, Sanity and Regression Testing.

➢ Expertise in querying SQL database, creating stored procedures and triggers.

Responsibilities

➢ Worked in Reverse engineering process (Analysis and Documentation) and code migration from legacy application to .NET Web API.

➢ Contributed my effort in modernizing legacy system using Cloud Technology

➢ Managed Project tasks of the whole team and reported the status to the client every day.

➢ Overseen Requirement Clarity Index and Project metrics for every sprint for Project Audits.

➢ Took responsibility of the New joiners – from setting up their system to project Knowledge transfer.

Work Summary

VIRTUSA CONSULTING SERVICES

ASSOCIATE SOFTWARE ENGINEER

Sep 2018 – June 2021

PROJECT | PAYCOR – Modernizing Report Generation

With increasing number of clients, the number of reports to generate also increased. The legacy system was not reliable, couldn't handle the increasing data and was not efficient to generate thousands of reports every month.

The proposed Modern Report Generation system was designed to modernize the legacy report generation system using Cloud technology. It is scalable and reliable. It speeds up the process of report generation, generates thousands of reports and saves the generated reports securely. The new system was able to generate 14K reports on a day with no hiccups, saving lot of processing time

TECHNOLOGY

Language: C#

Data Manipulation: Microsoft SQL server, Entity Framework

Application Development: Microsoft Azure functions, ASP.NET MVC & Web API, HTML 5, CSS/Bootstrap, JavaScript.

Cloud Storage: Cosmos DB, Table storage and BLOB

Repository: TFS and GIT

API Testing: Swagger and Postman

ACCOMPLISHMENT

Successfully processed 14,495(Highest till now) payrolls on a single day and approximately 70K reports were generated every day and more than 5M reports over a month, saving the overall processing time of 80% drastically when compared to legacy system.

PROJECT | Pratt & Whitney-Aerospace

Enhanced flight data acquisition, storage and transmission (eFAST) is a hardware device located on an aircraft that records flight data for all systems on the aircraft.

eFAST is the multi-phased program focused on the development of a functional solution the systematic generation of configuration for Partt&Whitney's health maintenance unit(HMU) referred to as the 'eFAST' box. This is accomplished systematically via the FAST processing center (FPC) web application which was originally developed to support building configuration files for FAST or through a desktop utility referred to as the 'Engineering Tool' which supports the building of configuration files for eFAST.

TECHNOLOGY

Languages: C#

Data Manipulation: Microsoft SQL server, Entity Framework

Application Development: ASP.NET MVC and Web API

JOB ROLE

- ✓ Requirement Gathering from the Product Owner for various product features.
- ✓ Collaborate with the team and discuss about the feature design.
- ✓ Performing feature Analysis and Development
- ✓ Testing the developed feature and deployed in different environments.
- ✓ Participating in peer code reviews to maintain code quality.
- ✓ Document the functionality for future reference.
- ✓ Collaborate with QA in the testing process to identify and resolve any requirement gaps.
- ✓ Following Agile Software Development methodology
- ✓ Handling production work orders and Bugs.

Achievements

- ✓ Received **Virtusa Premium Team Award** for successfully scaling the report generation process with fewer defects in FY 20.
- ✓ Got appreciation comments and emails from managers and onsite folks for the work done in acquiring code coverage to maximum.

Personal Details

Name:	Roshna M
DOB:	26/05/1996
Marital Status:	Married
Nationality:	Indian
Languages Known:	English, Malayalam, and Hindi

Date :

Place : Dubai   ROSHNA M