Shivam Singh
Application Developer

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SUMMARY

Seeking a challenging position as a .NET Developer to leverage my expertise in software development and design, while contributing to the success of innovative projects. Eager to utilize my skills in C#,.NET Framework/Core, ASP.NET Core, and a range of technologies, including Azure Cloud Services, MSSQL Server, and Python 3, to drive continuous improvement and growth within a dynamic team environment.

TECHNICAL SKILLS

- **Backend Technologies & Frameworks**: C# , .Net Core, .NET Framework, ASP.NET Core, ASP.NET Web API, Entity Framework, Python3 .

- **Frontend Technologies**: HTML 5 , CSS 3 ,Bootstrap , Javascript , Basics of Angular 8+, Basics of React

- **Cloud Technologies**:

  - **Azure Cloud :-** Azure Functions,Azure Data Factory,Azure Key Vault,Azure Service Bus,Application Insights

  - **AWS Cloud :-** AWS EC2 , Lambda , SQS , SNS , Cloudwatch, IAM , S3

- **RESTful API**: Dot Net Core Web API (C#) , Python3 (Flask , Django)

- **Databases**: MS SQL Server , RDBMS

- **Project Management & Tools**: CI/CD ,Azure DevOps, Agile Methodology , JIRA , Git & Github

- **Other Skills**: OOPS , SOLID Principle

EXPERIENCE

- **Baker Tilly US (formerly Moss Adams India LLP).**   June 2024 - Current
  Application Developer   Bangalore (Karnataka)

  - **Workday Integration**

    * Built an Azure Data Factory (ADF) pipeline to fetch documents from the network drive and store them securely in Azure Blob Storage.
    * Developed a Service Bus-triggered Azure Function using C# .NET Core to automate document uploads to the Workday system.
    * Applied event-driven architecture principles to enable scalable, efficient document processing.
    * Implemented backup mechanisms using Azure Blob Storage for document retention.

  - **Concur Expense**

    * Designed ETL pipelines in Azure Data Factory to extract, decrypt, clean, and transform Concur expense data.
    * Created SQL Server stored procedures to generate six categorized output files based on internal file content.
    * Leveraged .NET Core API and database optimization techniques to streamline expense report generation and review processes.

  - **Chase Payroll Integration**

    * Built ADF pipelines to securely transfer encrypted payroll files to JPMorgan Chase Bank systems.
    * Developed ADF workflows to retrieve lockbox files from Chase SFTP, decrypt them, and store them for manual review.
    * Created HTTP-triggered Azure Functions for sending real-time failure alerts during pipeline execution.
    * Implemented cryptographic Azure Functions to handle file encryption, decryption, and digital signing using public-private key pairs.

- **Maxval Group Inc.**   **Dec 2020 - June 2024**
  Senior Developer   Bangalore (Karnataka)

  - **Symphony Enterprise APIs**
    * Designed and developed scalable RESTful APIs for enterprise-wide data consumption using C# .NET Core and .NET Framework.
    * Ensured seamless module-to-module communication by implementing robust API integration strategies.
    * Optimized database operations in MS SQL Server to enhance system reliability and data transaction speed.
    * Participated in Agile sprints, contributing to rapid delivery of stable and high-quality enterprise features.

  - **Litigation Databank**
    * Developed secure, scalable modules for litigation data management using ASP.NET MVC and MS SQL Server.
    * Architected and maintained database-driven functionalities to ensure efficient handling of legal case information.
    * Created optimized stored procedures, views, and indexes to improve database performance and data security.
    * Supported migration of legacy modules into modernized architectures while adhering to best practices in coding and security.

EDUCATION

- **B.Tech. (ECE - 8.86 CGPA)** - Rajiv Gandhi Technical University Bhopal M.P. - **2016-2020**
- **Higher Secondary(12th) - 89.00%** - Govt Model Higher Secondary School (MP Board) - **2015-2016**
- **Higher School(10th) - 92.00%** - Govt Model Higher Secondary School (MP Board) - **2013-2014**

CERTIFICATIONS

- **Microsoft Certified: Azure Fundamentals (AZ-900)** - Microsoft
- **React With Redux** - Cognixia

CONTRIBUTIONS & KNOWLEDGE SHARING

- **KT-Azure Fundamentals**
  Organization:**Baker Tilly US (formerly MossAdams)**

  - Conducted a Knowledge Transfer (KT) session on Azure Fundamentals and Azure Functions, improving cloud expertise across the IT team.

- **KT-Serverless Architecture**
  Organization:**Maxval**

  - Delivered a KT session on event-driven architecture using AWS Lambda and SQS, promoting serverless solutions and reducing server maintenance overhead.

ACHIEVEMENTS

- **Certificate of Appreciation**
  Organization:**Baker Tilly US(formerly MossAdams)**

  - Received certificate of appreciation for outstanding performance and persuit of excellence

- **All-in Recognition**
  Organization:**Baker Tilly US(formerly MossAdams)**

  - Appreciated by Manager and Team Lead for outstanding collaboration with US teams and delivering high-quality work

- **Rising Star Award**
  Organization:**Maxval**

  - Honored with the Rising Star Award at Maxval in recognition of consistently exceeding performance expectations and delivering exceptional contributions to projects and organizational goals.