Vikas Tiwari

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1+ Years of experience

A strong foundation in software development and a passion for crafting innovative solutions. Proficient in C#, .NET with hands on experience in building scalable, user-friendly applications. Skilled in Angular for dynamic front-end development and as well as in Backend . A proactive problem solver with excellent communication and teamwork skills, ready to contribute effectively to high-impact projects.

TECHNICAL SKILLS

C#, Asp.Net Core(version 6), ASP Net MVC, Web API, Entity Framework, Oops
Cloud - Azure PaaS Services Like Service Bus, Azure Function, Application Insights, Logic Apps
Databases - SQL Server Management, SQL, Cosmos Db.
Others – Git**,** Agile Methodology, Software Development Lifecycle, Application Security, Unit testinng.

EXPERIENCE

Kallwik Technology Pvt. LTD (+1 year)   **(Jul 2024-Present)**

Education

Batchelor of Computer Application with77% from Makhanlal Chaturvedi University Bhopal.(2018-2021)
Master of Computer Application with 7.47 CGPA from Acropolis Institute of Technology and Research Indore (2021-2023)

PROJECT WORK

REPORT SCHEDULING SYSTEM -

Technologies Used -

ASP.NET Core MVC, ASP.NET Core Web API + Entity Framework Core, SQL Server, Quartz.NET, Worker Service, C#

Project Overview

- Developed a Report Scheduling System to automate email delivery of reports at scheduled intervals.
- Used cron expressions for flexible scheduling via a web interface.
- Background worker service processes schedules and sends emails.
- Tech stack: ASP.NET Core MVC, Web API, SQL Server, Quartz.NET.

Roles & Responsibilities

- Built web UI for report scheduling using ASP.NET Core MVC(version 6).
- Implemented Web API and database logic with EF Core and SQL Server.
- Implemented cron-based job scheduling using Quartz.NET.
- Created a worker service to process jobs and send emails.
- Ensured clean architecture, validation, and parallel job execution.

DATAFORGE SYSTEM (ETL) –

Technologies Used -

C#, ASP.NET Core, Web API, SQL Server, EPPlus, Stored Procedures, Parallel Programming

Project Overview –

- Developed a high-performance ETL tool to efficiently import, process, and store data from various data sources like Excel, APIs, and File Servers into an SQL database and other destinations like Azure Blob Storage and Cosmos DB.
- Web API-based file upload with optimized parallel processing for faster execution.
- EPPlus for Excel file parsing and data extraction, Stored procedures for efficient database operations and bulk data insertion.
- Automated data validation ensuring integrity before insertion.
- Error handling and logging with retry mechanisms for failed records
- Processed 100000+ record to reduce 30% processing time.
- Scalable architecture capable of handling large Excel datasets.

Roles and Responsibilities

- Designed and developed the ETL system architecture using ASP.NET Core and C#.
- Implemented Web API for data ingestion and parallel processing for performance optimization.
- Integrated EPPlus for parsing and processing large Excel files. Developed and optimized stored procedures for bulk data insertion.
- Implemented automated data validation mechanisms to ensure data integrity, Handled error logging, retry mechanisms, and notifications for failed records
- Integrated Azure Data Factory for ETL pipelines and data movement to cloud storage, Designed a scalable architecture to support large dataset processing.
- Ensured system security, performance tuning, and efficient resource utilization.

PERSONAL INFORMATION

Full Name – Vikas Tiwari
Communication Address – 17/D Nanak Nagar, Shivam Puri Colony, Indore, Madhya Pradesh
Permanent Address – Post-Asoh, Pahari, Chitrakoot, Uttar Pradesh
Date of Birth – 22/02/2000

I confirm that the information provided by me is authentic to the best of my knowledge and belief.

Place : Indore

Vikas Tiwari