

DIKSHA SETHI

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WORK HISTORY

Microsoft

Software Developer

February 2020 to till date

Project Names:

1. App Modernization (Discovery Tool)

Description: **Developed the tool that transfer the applications build on .Net and Java from on-premise to cloud.**

Responsibilities:

- **Taking ownership of the task assigned and making sure that it is done in a best possible way and within any time constraints provided using Agile methodologies.**
- **Made the XML and java parsers to scan the files of applications.**
- **Made the cypher queries to detect the various loop holes that would become hurdle in transferring the applications from on-premise to cloud.**
- **Upfront the key points of applications to the user in the form of Graph NEO4J.**
- **Extensively used design patterns to architect the system at low level.**
- **Designing classes, use cases and Entity relationship diagrams to model the system and gather requirements.**

My work involves writing parsers to detect the application, explore hands on working different patterns of java and created the cypher queries to handle various scenarios.

Technologies used in the project: **C#, LINQ, NEO4J, cypher, JAVA, Hibernate, WPF, ASP.Net MVC, Design Pattern.**

Operating System: **Windows 10.**

Team size: **2**

Percentage of work: **100 percent backend.**

2. FEDEX

Description: **It is a multinational delivery services company. Our team has made the application of it that track all the goods and it is in both the mode receiver and sender mode application having different UI.**

Responsibilities:

- **Understanding the requirements of the users and implemented the complex user stories in Angular like Carousel , Quick view cards, Ag-grid**
- **Writing unit test cases in Jasmine and karma and debug the code and fix any known issues.**
- **Maintaining internal coding standards, development processes, and design best practices.**
- **Handled shipments component ag-grid solely and implemented the whole component from scratch using ngrx stores.**
- **Developed the unit test cases for application using testing frameworks (Ex. Jasmine) and Test runner framework (Ex. Karma).**
- **Fix code smell issues in Sonarqube.**
- **Made the custom carousel component.**

My work involves in writing various components of application like shipments listview, grid and carousel.

Technologies used in the project: **Angular JS, JavaScript, Jasmine, Karma, Java.**

Operating System: **Windows 10.**

Team size: **14**

Percentage of work: **80 percent frontend, 20 percent backend.**

BOLD TECHNOLOGIES PVT. LTD

Associate Software Developer

Sep 2019 to Jan 2020

Project Name: **Ecommerce Payments.**

Description: **It is a product based company which has its own product name resume builder and our team works on payment part. We have implemented various payments in it like paypal, Baileto.**

Responsibilities:

- **Worked on development of microservices, web jobs and implemented Baileto payment method using web apis.**
- **Worked on Apache Solr and integrate it through the web job.**
- **Worked on various recurring transactions scenarios and customer search field apis.**
- **Optimize various stored procedures to reduce the search time.**

I have written Rest APIs, worked extensively on C# and used SQL Server as the database. Optimize stored procedures.

Technologies used in the project: **C#, ASP.Net Core, MVC, SQL, Apache Solr. WPF, Microservices.**

Operating System: **Windows 10.**

Team size: **5-6.**

Percentage of work: **100 percent backend.**

INDUS VALLEY PARTNERS

Associate Implementation Engineer

Dec 2017 to Aug 2019

Project Name: **EDM (Enterprise database Management)**

Description: **EDM is a ETL tool. It is highly scalable financial product which is used to process client data using blocks that are specific to EDM and configurable depending upon client needs and how the data needs to be processed. Moreover, EDM can be used in variety of ways like for formatting and processing the data, or generating insights from the data like reports and providing various kinds of dashboards to the user.**

Responsibilities:

- **Writing highly scalable applications and RESTful web services.**
- **Made the complex stored procedures in SQL and with the help of SSRS reports send the reports to the customer.**
- **Analyze the data coming from various streams to design, develop and test system using Agile methodologies.**
- **Developed solutions using a variety of programming languages to optimize the architecture and evaluate the performance and reliability of design.**
- **Coordinating with team members regarding the development, integration and monitoring the system for its various aspects such as performance and stability.**
- **Monitoring and solving performance issues.**

I have written Rest APIs, worked extensively on C# and ASP.Net MVC, and used SQL Server as the database. Apart from it, I have made the complex stored procedures and triggers to cater the data coming from different sources. I was actively involved in designing commerce related software for the financial markets.

Database Migration Utility: This utility is developed to migrate the entire database or a part of database to a remote server, or to get the custom scripts from the database. Moreover, it was entirely written in C# using ADO .Net as a layer to interact with the database. By using this utility, our database migration time reduced by 80 percent and things became more modular and less error prone.

Technologies used in the project: C#, ASP.Net Core MVC, MySQL, Entity Framework, LINQ, SQL Server, SVN.

Operating System: Windows 10.

Team size: 8-10.

Percentage of work: 100 percent backend.

REWARDS AND RECOGNITION

- **Repose the change in architecture of security master and it is widely accepted.**
- **Received price of Best Customer Handling in IVP.**
- **Second Runner up in Reality Show Boggie Woggie.**
- **Gold Medalist in College.**

TECHNICAL FORTE

- **Operating System: Windows 10, Windows 8.**
- **Languages and Frameworks: Microsoft .Net framework 4.0/4.8, C#, ASP.Net, ADO.Net, Web Services, HTML, Angular JS, Jasmine, Karma Web API, JavaScript, XML, MVC framework, Entity Framework, LINQ.**
- **Tools and Technologies: Visual Studio 2018, MS SQL Server, LINQ Pad, GIT.**
- **RDBMS: MS SQL Server, MYSQL.**

ACADEMIC DOSSIER

- **Bachelors of Computer Application**
Chandigarh Group Of Colleges - 2018

CERTIFICATIONS

- **Azure az-203.**
- **AWS solutions architect.**