**Sandeep Appana**

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**Professional Summary:**

* 10+ years of experience in software development of Client/Server and Web based application systems with extensive involvement in SDLC like Designing, Developing, Coding, Unit Testing, Implementation and Maintenance for Port, Health, Document, Audit and FMCG domains.
* Experience in designing and developing of Client-Server applications and web applications using .NET Framework 4.0, 4.5, 6.0, .Net Core, MVC, C#, Entity Framework, NHibernate, WCF, SQL SERVER 2012/2016/2018, LINQ, Web API, Knockout JS, Angular JS, Angular 6/9, Type Script.
* Extensive Knowledge with Agile Software Development Methodologies, Full Software Development Life Cycle (SDLC).
* Had onsite experience in client location **South Africa** for 3 months.
* Good Experience of Software Product development.
* Experience in resolving production issues and bugs with minimum downtime.
* Good interpersonal written and verbal communication skills, very good team player and can work independently.

**Areas of Expertise:**

* Extensive experience in .NET technologies (.Net Core, WEB API, Angular) including development.
* Extensive experience in .NET technologies (WCF, ASP.NET) including development and production support.
* Expertise in .Net Framework technologies like ASP.NET, C#.NET, WCF.
* Good experience in working with MS Design patterns and Model View Control & MVVM pattern and CQRS patterns.

**Technical Skills Summary:**

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| --- | --- |
| Net Technologies | .Net Framework 4.0/6.0, .Net Core, C#, Web API, WCF, MVC5.0/6.0 |
| Databases | MS SQL Server 2016/2018 |
| UI Technologies | HTML, CSS, jQuery, Angular |
| ORM | NHibernate, Entity Framework |
| Environment | Visual Studio 2012, 2017, 2019 |
| Source control | S.V.N, T.F.S, GIT |

**Work Experience:**

* Working as Sr .Net Engineer for **Pactera Edge Technologies** Hyderabad from October 2021 to till date
* Worked as Sr. Consultant for **Affluent Global Services** Hyderabad from August 2016 to October 2021.
* Worked as Implementation Engineer for **Navayuga Infotech Pvt. Ltd**. Hyderabad from May 2014 to July 2016.
* Worked as Software Engineer for **Inndocs Software Pvt. Ltd.** Hyderabad from June 2010 to April 2014.

**Rewards & Recognition:**

* Got **Above beyond** award from Navayuga for best performer in 2015.
* Got spot awards 4 times in 2 years of span.
* Participated CMMI Level 5 Reappraisal and I am a FAR Member.

**Academic Credentials:**

Master of Computer Application from Bangalore University.

**Project #1 KHC (EMEA, Canada – Polaris)**

**Client:** KHC

**Role:** Lead Developer

**Team Size:** 7

**Technologies & Environment :** C#.Net, Asp.Net Core, Web API, Angular 9, Type Script, Entity Framework, .Net Framework 6.0, LINQ, SQL Server 2018, Visual Studio 2019, and Azure ADO.

**Project Description:**

Kraft Heinz’s Revenue Management team spends millions of dollars every year to run in-store promotions of their products at various retailers in the EMEA region. Unfortunately, over 25% of the promotions do not break-even.

Build machine learning models to estimate the total sales units and baseline sales units for KHC PPGs. Break down the gross incremental which would be the difference between the two machine learning models into competitor switching, cannibalization, stock piling and category expansion effects.

These models must be developed in a way that Kraft Heinz Company (KHC) could leverage them to expand to    additional categories and markets using the same modelling templates. The sign-off of the models would be based on forecasting accuracy – if the numbers predicted are closer to the actual and on business accuracy – if the numbers are directionally correct and make business sense.

**Roles and Responsibilities:**

* Leading Middleware Team including the Development activities.
* Implemented Factory Method and CQRS Design pattern.
* Involved in multiple Client and Scrum calls.
* Establishing connectivity with ML, to get generated output and save it in Azure SQL database.
* Implemented Query optimization for multiple Rest Services.
* Fixed change requests and development of enhancements.
* For coding performance, we are using FxCop and SonarQube.
* Deployed builds for CI/CD pipelines using Azure devops.

**Project #2 Audit Online**

**Client:** Deloitte

**Technologies & Environment :** C#.Net, .Net Core, MVC 6, Web API, Angular6, Type Script, Entity Framework, LINQ, SQL Server 2016, and Visual Studio 2017 with MVVM Model.

**Project Description:**

Audit Online is a cloud bases application and has its own releases. We can create our engagement files and perform various additions on the engagement file using EMS. We choose the industries, countries and all other parameters needed for creating an engagement.

It is a product used by auditors to enable them to do their work easily. We can create GRA (Guided Risk Assessment) for different Subphases and can work on Engagement files. GRA has Content for different subphases which come in the form of Questions, risks, controls, and procedures.

**Roles and Responsibilities:**

* Involved in designing and developing, coding, debugging and unit testing as per the project requirements.
* Involved in phase development and other coding.
* Involved in creating Web API Services.
* Involved in writing Stored Procedures.
* Involved in Writing X Unit Test Cases while doing Development testing.
* For coding performance, we are using FxCop and SonarQube.

**Project #3 BDO**

**Client:** BDO (Binder Dijker Otte & Co)

**Technologies & Environment :** C#.Net, .Net Core, MVC 6, Web API, Angular JS, Type Script, Entity Framework, LINQ, SQL Server 2016, and Visual Studio 2015 with MVVM Model.

**Project Description:**

BDO is a web-based application, create tooling to support auditors in their day-to-day work, by offering a collaboration experience, where users can centrally store and manage all sorts of data, providing guidance during the stages of an audit, from initiation to archival, manage their audit team, including auditors from the entire BDO network and guiding the auditor during the execution of an audit, but not constraining them with technology​.

Separate between the application foundation and functional components. Foundation offers:

• A user interface that is easy to learn, use and love

• A developer platform where features and content can be added​.

**Roles and Responsibilities:**

* Involved in designing and developing, coding, debugging and unit testing as per the project requirements.
* Involved in phase development and other coding.
* Involved in creating Web API Services.
* Involved in Writing X Unit Test Cases while doing Development testing.

**Project #4 Integrated Port Management System**

**Technologies & Environment :** C#.Net, MVC 5.0, Web API, Knockout JS, Entity Framework, LINQ, WCF, SQL Server 2008, .Net Framework 4.5, IIS 7.0, and Visual Studio 2012 with MVVM Model.

**Project Description:**

Integrated Port Management System (IPMS) is a web-based application for eight ports of TNPA that caters to the overall port operations mainly on Marine operations. IPMS provides port users with real time information of operations at the port like Vessel Management, Berthing Planning, Marine Services, Dredging, Port Health, MIS, and integration with External systems.

The solution is precisely tuned to accommodate for the unique characteristics and features of ports at TNPA.

Helps in improving port efficiency to achieve a competitive advantage and enables personnel to allocate resources efficiently by identifying and resolving schedule conflicts early, enhancing planning capabilities with real time overviews and improving safety and security with real-time access to all maritime activities and facilities within a port community.

Efficiently integrates applications that automate manual tasks while enforcing business rules. Automated updates are rapidly shared between operations.

**Roles and Responsibilities:**

During Design & Development:

* Involved in phase design and in estimations.
* Involved in designing and developing, coding, debugging and unit testing as per the project requirements.
* Involved in phase development, creating workflows, WCF Services and other coding.
* Involved in Writing N Unit Test Cases while doing Development testing.
* Involved in writing Stored Procedures and WCF Services.

During Go - Live:

* Technical and Functional support of IPMS before and after Go – Live.
* Providing support to Users on IPMS during implementation.
* IPMS implementation at multiple ports.
* Fixing issues that arises during implementation.
* Training the users as and when it is required.

**Project #5 MedlogX**

**Technologies:** C#.Net, MVC 4.0, JQuery, NHibernate, WCF REST, SQL Server 2008, .Net Framework 4.0, IIS 7.0, Visual Studio 2010.

**Project Description:**

MedlogX is a health management service for safely storing, viewing, and sharing health related records and information online. This keeps a regular track of all the health-related aspects and enables patient’s doctor to take a much well-informed decision about treatment.

**Roles & Responsibilities:**

* Involved in all phases of Software Development Life Cycle including design, development, testing, implementation, and postproduction support.
* Responsible for Designing and implementation of Customization’s, resolve the production issues, Deployment of Application in various platforms.
* Involved in Unit Testing the application.
* Deploying of Application and configuring the locations in the servers.
* Involved in the designing of database and worked on complex T-SQL Queries, Stored Procedures.

**Project #6 Record Management System**

**Technologies:** C#.Net, ASP.Net, WCF, NHibernate, SQL Server2008, .Net Framework 4.0, IIS 7.0, Visual Studio 2010.

**Project Description:**

RMS helps customers digitally manage their Records, indefinitely or for a fixed period. It provides the ability to capture, store, route, audit, and digitally approve electronic Records, also providing functionalities including retention, disposition, archival, freezing etc. Audit trails in the system capture action taken on records at any stage.

**Roles & Responsibilities:**

* Involved in all phases of Software Development Life Cycle including design, development, testing, implementation, and postproduction support.
* Responsible for Designing and implementation of Customization’s, resolve the production issues, Deployment of Application in various platforms.
* Involved in Unit Testing the application.
* Deploying of Application and configuring the locations in the servers.
* Involved in the designing of database and worked on complex T-SQL Queries, Stored Procedures.

**Project #7 Document Management System**

**Technologies:** C#.Net, ASP.Net, WCF, NHibernate, SQL Server2008, .Net Framework4.0, IIS 7.0, Visual Studio 2010.

**Project Description:**

DMS helps customers digitally manage their documents. It provides the ability to capture, store, manage versions, route, audit, and digitally approve electronic documents. Audit trails in the system capture action taken on documents at any stage.

DMS integrates with enterprise resource planning, customer relationship management, knowledge management, and content management etc. systems, to provide them with document storage and collaboration functionalities. DMS’s value is realized in various industries and in many functional/application processes in each industry.

**Roles & Responsibilities:**

* Involved in all phases of Software Development Life Cycle including design, development, testing, implementation, and postproduction support.
* Responsible for Designing and implementation of Customization’s, resolve the production issues, Deployment of Application in various platforms.
* Involved in Unit Testing the application.
* Deploying of Application and configuring the locations in the servers.
* Involved in the designing of database and worked on complex T-SQL Queries, Stored Procedures.

**#8 Inncap**

**Technologies:** C#.Net, ASP.Net, WCF, NHibernate, SQL Server2008, .Net Framework 4.0, IIS 7.0, Visual Studio 2010.

**Project Description:**

InnCap provides the ability to capture/collect all paper & electronic documents, through different modes including scan, email, fax etc., in a centralized repository. Users can send their documents to this repository from any part of the world, as InnCap is a 100% web-based application. Similarly, users can access these documents to perform actions like batch handling, forms processing, metadata entry, quality assurance, cataloguing etc., from any part of the world. Business users can avail enhanced offline features through offline modules.

**Roles & Responsibilities:**

* Involved in all phases of Software Development Life Cycle including design, development, testing, implementation, and postproduction support.
* Responsible for Designing and implementation of Customization’s, resolve the production issues, Deployment of Application in various platforms.
* Involved in Unit Testing the application.
* Deploying of Application and configuring the locations in the servers.
* Involved in the designing of database and worked on complex T-SQL Queries, Stored Procedures.
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