**SUMMARY**

* **Certified .NET specialist with 13 years of experience** in analyzing, designing, and development of enterprise web solutions using various Microsoft Technologies.
* Hands on experience in designing and developing .Net Web Applications with different architectures using Microsoft Full-stack technology.
* Expertise lies in the **design, architecting, development, testing and end to end delivery** phases of the Software Development Lifecycle using Agile, OOAD, TDD and Waterfall model on time and within budget.
* Experience in the design phase includes domain model prototyping, database logical and physical designing, and user Interface prototyping.
* Experience lies in the delivery, resource planning and resource management and client management.
* Good exposure to Microsoft Cloud Azure Services along with DevOps and CI/CD along with Jira and confluence to manage resources and projects for enterprise solutions.

**SKILLS:**

**Technologies: .**Net Core/.Net Core 5.0/3.0, .Net Framework4.7/4.5, ASP NET Core, C#, SQL, Angular 13/9/8/6 (Type script), Java Script, jQuery, CSS, CSS3, Bootstrap, HTML, HTML5, Entity Framework Core, Dapper, JSON, LINQ, Auto Mapper, RabbitMQ, Hang-fire, Seri-log, SQL-2018/2017/2016/2012/2008, Microsoft Visual Studio2019/2017/2015/2012, IIS 7.0, IIS 8.0, Team Foundation Server (TFS), VSTS 2017, Git, SourceTree, JIRA, Confluence, Bitbucket, SSRS 2016, Visual Studio SSDT, Microsoft Azure Services, Sitefinity CMS 8.0, Scrum, Agile, Waterfall, Assyst (Accenture Internal Tool)

**Project Management Tools:** MS Project, MS Excel, MS Visual Source Safe, HP Quality Center, JIRA, MS Visio, MS Word, MS PowerPoint

**Methodologies/Techniques:** SDLC, Agile Methodologies - SPRINT (SCRUM), Waterfall

**Professional Experience**

**Agility CIS Inc./Tally Group 07/21 - Present**

**Lead Software Engineer/ Architect**

**Projects: EOS Product – Modules, Customer Portal, Enrollment Portal, Monitoring**

Web-based enterprise Product - Energy Operating System used by different clients in unregulated energy markets spread across different US and Japan geographical locations for managing the retail energy needs including Billing Engine, Invoicing, Customer management, Enrollment Management and Monitoring jobs. It has its own billing engine, a custom invoicing engine. It has integrations with different third parties to manage different processes as per client energy needs. The clients here are the Unregulated market energy suppliers. The tech-stack used is **.Net Framework 4.6.1, .Net Core 6.0, ASP NET Core 5.0, Azure SQL, Entity Framework Core,Ado .Net, Angular JS, Angular 9/13,** Typescript, HTML, CSS, CI/CD is in Bitbucket with Octopus Deploy along with JIRA and Confluence for managing the Product Backlog. It follows the Agile Methodology. It is also using Microsoft **Cloud Azure DevOps**. API Management is done using Azure Service Bus, Logic Apps, Azure Functions, Azure Blob Storage. Monitoring tools used are Data Dog and logging is done using Gray log and Seri log.

* Work closely with the Business to gather requirements.
* Work on the **Design and Architecture of the application** as per client requirements.
* **Provide estimates to the client** for the development and testing of the application.
* **Do the implementation in C#, .Net Core Framework, Web APIs 2.0**, HTML 5, CSS to interact with **Azure SQL Database, Angular 13, Typescript.**
* Work on POC to upgrade the design and architecture of the product.
* **Work on the CI/CD process of code repository using Bitbucket/Microsoft Azure DevOps.**
* Maintain integrations with Logic Apps to create serverless applications.
* **Work on Azure service bus queues.**
* Work on Send grid implementations.
* Use Azure functions and Logic Apps, Azure Active Directory, Azure Service Bus, Azure Web jobs and Azure Storage to perform API management.
* Follow Agile Methodology and maintain code using Azure DevOps repository in Web.
* Use Seri-log to log exceptions.
* **Leading offshore Dev teams for delivery of the product.**

**Environment:** .**Net Core 6.0, ASP NET Core 5.0,.Net Framework 4.6.1, ADO .Net, LINQ, Visual Studio 2019, Web API 2.0, Azure SQL DB, Seri-log, Java-script, HTML 5, CSS3, Microsoft Cloud Azure,** Docker containerization,Azure DevOps, Logic Apps, Azure Webservices, Service Bus, B2C Authentication, Azure Functions. API Management, GIT to maintain repos.

**Survey Portal (American Petroleum Institute) 01/21-07/21**

**Lead Developer**

Web-based survey tool used by the employees of different Oil and Natural Gas companies across world. The survey tool is managed by the employees of statistics department of American Petroleum Institute. Different modules are available to different role users. It has a custom survey engine developed in ASP .Net Core MVC which is the backbone of the application. The admin user can create surveys with custom navigation rules and custom questions. The workflow of the survey is dependent on the dynamic answers of the survey takers / employees of Oil companies. The WE application is using .**net 4.7 framework MVC, JavaScript, Razor views, HTML, CSS, Bootstrap, Azure SQL server as database**. CI/CD in DevOps and versioning is doe in **GIT**. Various integrations are done with Logic Apps and Azure functions. API Management is done in Azure using Logic Apps, Azure functions and Azure Storage, Rabbit MQ.

* Worked closely with the Business to gather requirements.
* Managed Client meetings and client expectations.
* Designed the Business flow as per client requirements from functional and technical perspective.
* Provided estimates to the client for the development and testing of the application.
* **Did the implementation in C#, .Net Core Framework, MVC architecture, Web APIs 3.0, HTML 5, CSS, Entity Framework Core to interact with Azure SQL Database, Rabbit MQ.**
* Developed UI using Razor Views, MVC, HTML, JavaScript, and Bootstrap.
* Performed the CI/CD process of code repository using Microsoft Azure DevOps.
* Used Azure SQL DB to create and maintain DB and Store Procedures and functions.
* Used Git to maintain repos.
* Maintained integrations with Logic Apps to create serverless applications.
* **Used Azure functions** and Logic Apps, Service Bus and Azure Storage to perform API management.
* Followed Agile Methodology and maintain code using Azure DevOps repository in Web.
* Used Seri-log to log exceptions.

**Environment:** .Net Framework 4.7, MVC, C# 5.0, Entity Framework Core, LINQ, Visual Studio 2019, Web API 2.0, SQL DB, Seri-log, Razor views, Java-script, HTML 5, CSS3, Microsoft Cloud Azure, DevOps, Logic Apps, Azure webservices, Service Bus, B2C Authentication, Azure Functions. API Management.

**We-CARE—NY City Department of Social Services (HRA), NYC 01/20-12/20**

**Lead Developer**

Web-based application used by the HRA employees (case workers) at different sites to maintain the client information and keep track of social service requirements. The application is divided into majorly 3 levels We-Care, Common and Employment services. The application is used to manage the client’s personal info, medical info as well as employment info which are used to decide the end benefits for the client by

the HRA. The technologies used in this application is **.Net Core 2.2, Web API 2.2, Angular 8 Cli Framework, C#, LINQ, lambda, dependency injection. Entity framework core,Dapper, Database is Oracle DB.** Hang Fire and SQL jobs are used to manage different scheduled or Ad hoc jobs/activities.

* Worked closely with the BA to get the client’s requirements.
* Designed the Business flow as per client requirements from functional and technical perspective.
* Provided estimates to the client for the development and testing of the application.
* **Coding in C#.Net, .net Core, Web APIs 2.2, Angular 8 cli framework, HTML 5, CSS** Typescript, using Entity Framework Core to interact with Oracle Database.
* Used Unit of Work design to build the application.
* **Developed UI using Angular 8 and Bootstrap 4.0** which reads the data from Web API and displays in UI. Coded in RxJS, Angular, Webpack.
* Performed the CI/CD process of code repository using Microsoft Azure Cloud.
* Implemented application using Windows Azure development solution as per the requirement.
* Implemented Microsoft Azure CI/CD for the application source code with Git and Azure DevOps.
* Used third party ASPIs to interact with NYC HRA systems to be able to post or fetch info.
* Follow Agile Methodology and maintain code using bitbucket and source tree repository in Web.
* Used Serilog to log exceptions.
* Used One Viewer to view and fetch documents related to clients.
* Generated OCR bar codes from the system for the end clients.

**Environment:** .**Net** **Core C# 5.0, ASP.NET MVC 5, Entity Framework 6.0, LINQ, Visual Studio 2017, TFS, Web API 2.0, REST API, async/await, Unity Container, Dependency Injections, Oracle DB,Dapper,** Seri-log, Angular framework 8, RxJS, Ag-Grid, Typescript, HTML 5, CSS3, Node for NPM, Angular Cli 8, Webpack, Microsoft Cloud Azure, Visual Studio Code.

**Benchmark Extension— NYC DDC, NYC 09/18-12/19**

**Lead Developer**

Web-based application used by New York City Dept. of Design and Construction agency to manage various projects undertaken by different departments under DDC. This application is used to manage projects from the initiation phase to creation of various Task Orders and Changes orders. It had multiple modules taking into various functionality. The technology stack used for this application is based on latest web technologies. The architecture used is Repository pattern using dependency injection. The application is based on Angular 8, .Net Core 2.2, C#, Entity Framework core, Database is SQL Server 2017.It uses,

RabbitMQ for messaging Queue service. The email functionality is using Send Grid. There are multiple integrations to different systems. The integration is managed by various third-party API calls. The re-attempts are performed by RabbitMQ messaging Queue service. Different modules have different workflows which are managed at database level.

* Interacted with client to get requirements and do the impact analysis before development starts.
* **Led a team 2 developers to manage the project.**
* Designed the Business flow as per client requirements from functional and technical perspective.
* **Managed the integrations with different systems of the applications.**
* Provided estimates to the client for the development and testing of the application.
* **Designed the Database to handle the application workflow.**
* Performed the CI/CD process of code repository using Microsoft Azure. Assisted client with business requirements for the Microsoft Azure API Management.
* **Development using Angular 8, C#.Net, .Net Core Web APIs 2.2, using Entity Framework Core.**
* Followed Agile Methodology and maintain code using TFS and VSTS code repository in web.

**Environment:** .Net Core C# 5.0, ASP.NET MVC 5, Entity Framework 6.0, Angular 8, RxJX, Typescript, LINQ, Visual Studio 2017, TFS, VSTS, Web API 2.0, REST API, async/await, Unity Container, Dependency Injections, MS SQL Server DB, Seri-log, HTML 5, CSS3, Node for NPM, Angular Cli 8, .Net Core, Microsoft Cloud Azure, Visual Studio Code.

**Project: Star8Wallet (Star8 Financials) 11/17-08/18**

**Technical Lead**

Star 8 Financial is an organization that provides credit and Line of Credit facility to its Partners in Jewelry Business in USA. A Partner can join Star 8 along with his team known as Members only after KYC verifications from Identity Mind. Partners can transfer money, withdraw money, or deposit money in their or other partner Star Pay account. Money can be transferred in lieu of invoices created for the items to be bought. All transactions can be viewed in activity or PDF report or excel format. Money transactions can be done using Star Pay (wallet) account, Credit Cards, or Bank Accounts. These transactions are maintained using Plaid and Global One Pay Services (ACH). This application is available for Web, Android and IOS. The application is using Angular2 in UI, Asp .Net Core and Web Ap2.0 as backend services with Entity Framework 6.0 as ORM and SQL Server 2016/2017 database and SSRS 2016 for reporting.

* Participated in requirement discussion with stake holders and created business requirement documents and functional requirement documents. Created technical documents from Business and Functional requirement provide estimations.
* Worked on the Stripe APIs, Plaid, Global One Pay services to perform banking, card, and other transactions as per American Standards and compliance.
* Worked on the Plaid APIs to perform banking, card, and other query execution transactions as per American Standards and compliance.
* Designed and Architected application which is scalable and maintainable.
* Architected application with N-Tier layer consisting of UI, Business, Data Access, Data Model, Model and Service layers using IOC container for Dependency Injection.
* Designed applications using Repository Pattern along with façade pattern.
* **Used Entity Framework 6.0 with Code first approach**. Applied Inversion of Control with Microsoft Unity 4.0 for Dependency Injection.
* **Created RESTful services for exposing the service layers for on demand business executions using Web API 2.0, C#, multi-threading, Parallelism and async and await features.**
* Convention-based object-object mapper used in mapping data objects using Auto Mapper.
* Designed database schema.
* **Created tables, views, stored procedures, functions in SQL 2016.**
* Created database interaction layers using Entity Framework 6.0.
* **Created Web API/ REST API** for accessing business as JSON object for intranet portal.
* Custom routes implemented for complex URL using Attribute routing in Web API 2.0.
* Used Log4Net for logging and customized logging mechanism for services.
* Involved in the design, development, coding, and implementation of the solution. Each view was developed using MVC 5, also worked on controller actions, Business and Data Layer.
* Responsible for analyzing, designing, programming creating tables, temporary tables, indexes, primary keys, foreign keys, complex SQL Queries, stored procedures, functions, views, triggers using SQL Server 2016.
* Reviewed code to ensure coding guidelines are followed properly and that written code is optimized.
* Followed Agile Methodology and maintain code using TFS and VSTS code repository in web.

**Environment:** C# 5.0, ASP.NET MVC 5, Entity Framework 6.0, Angular2, LINQ, Visual Studio 2017, TFS, VSTS, Web API 2.0, REST API, async/await, Parallelism, Multi-threading, Unity Container, Dependency Injections, SQL Server 2016, SQL Server Management Studio 2016, MS Test, Log4Net, .Net Core, Microsoft Cloud Azure, Visual Studio Code.IIS 8.0, Twilio, Plaid, Global One Pay, Identity mind.

**New Corporate Website and Consultant Corner for Princess House 12/16-10/17**

**Technical Lead**

**Environment:** C# 5.0, ASP.NET MVC 5, AJAX, ADO.NET, Entity Framework 6.0, SQL Server 2008/2012

**MACS— Royal Bank of Canada, Capgemini 08/15-01/16**

**Technical Lead**

**Environment:** .Net framework 4.0, C# 4.0, WCF, MVC, SQL Server 2008 R2, C# Jobs, Windows Services, ADO .Net, Git, HTML, JavaScript, jQuery, CSS

**Software Developer, Ferranti Computers Systems 08/14-07/15**

**Environment:** .Net framework 4.0, C# 4.0, WCF, MVC, SQL Server 2008 R2, MVC, Entity Framework 5.0, LINQ, TFS, HTML5, JavaScript, jQuery, CSS3, Log4Net

**Software Engineering Analyst, Accenture 05/10-07/14**

**Environment:** C# 3.5, MVC 3, HTML, JavaScript, jQuery, AJAX, ADO .Net, SQL Server 2008/2005, Visual Studio 2010, TFS, Assyst

**EDUCATION:**

* Masters in Computer Application, **Indraprastha University, New Delhi, 2009**
* Bachelors in Computer Sc., **University of Delhi, New Delhi, 2006**

**CERTIFICATIONS:**

* **70-515, Microsoft Certified Technology Specialist: .Net Framework 4.0, Web Application**
* Agile Methodology Certified, Accenture Certified
* Accenture Application Developer Certified (ASDA), Accenture + MIT Certified
* MECOMS Technical Certified, Ferranti Certified
* MECOMS Functional Certified, Ferranti Certified
* Wealth Management Certified, Capgemini Certified