**Anand Periyasamy** **| Technical Lead (Full Stack engineer)**

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**PERSONAL PROFILE**

* I am currently serving as a Technical Lead at Innover Digital.
* Results-driven IT professional with 17 years of industry experience, including 3 years in IT support and 14 years in IT development. Skilled in leading end-to-end development cycles—from inception and requirement gathering to planning, design, and implementation.
* Supporting the analysis of technical components for new proposals based on high-level requirements, creating solution designs (technical component architecture), and generating high-level effort estimations based on the solution design. Additionally, conducting technical interviews.
* Proficient in the .NET tech stack, with expertise in C#, ASP.NET, MVC, Web API, Entity Framework, and Xunit for comprehensive code coverage.
* Additionally, experienced in front-end technologies such as React JS, Typescript, and JQuery.
* Demonstrated proficiency in Azure cloud services, encompassing the development of Azure functions in .NET, Azure web jobs, Key vault, Storage account, Azure DevOps, and foundational knowledge of Azure Data Factory and Azure SQL.
* Skilled in creating Azure DevOps pipelines for Azure functions and SQL DACPAC projects.
* Having good exposure with SQL Server and Setting up a SQL DACPAC project for SQL scripts maintenance and SQL script deployment using Azure SQL DACPAC project.
* Having good experience in version control tool like GitHub, Accurev.
* Basic knowledge on low code no code technologies like Powerapps Canvas app, Power automate and Azure logic app.

**QUALIFICATIONS & EXPERTISE**

**QUALIFICATIONS**

**Master of Computer Application** – Alagappa Chettiyar College of engineering and technology, Karaikudi, Tamil Nadu.

**EXPERTISE**

.Net Technologies : .Net framework, .Net Core, .Net 6.0, C#.Net, Web API, MVC, ASP.Net

Cloud technologies : Azure - Azure functions using C#, Web jobs, Function App, Storage Account-Blob storage, Service bus (Queues & Topics), Keyvalut, Application insights, Azure SQL, Azure Devops (Creating pipelines for Azure functions, SQL DACPAC project)

Front End                :  React JS, Typescript, JavaScript, JQuery

Unit Test framework : XUnit

Databases : SQL Server

ORM Frameworks : Entity Framework

Development Tools : Visual Studio and Visual Studio Code.

Version Control :  GitHub, Accurev

Methodologies : Agile – Scrum, Kanban and Waterfall.

**PROFESSIONAL EXPERIENCE**

**Company: Innover digital Nov’ 2022 – Present**

**Technical Lead | FILA-Sales Audit**

**Client: Peloton/CUB Foods, US**

**Technology: PowerApps Canvas, Power Automate, Azure functions with C# and Azure SQL, Azure Devops**

Cub Foods sales audit involves checking store sales transactions, receipts, and other data to ensure accuracy and compliance. The current system, a Mainframe application, causes navigation difficulties for users, some other pain points and overall not user friendly. The client aims to replace it with a user-friendly, cloud-based solution. Each day, the point-of-sale system (NCR, ECRS & Balance Innovations) sends sales data to Azure in a flat file using file gateways. Azure functions then validate and load this data into an Azure Database. Users (Clerk/Manager/Admin) review and correct the data, which managers approve or reject. Weekly, managers close audited data, which Azure functions then send to systems like Oracle, SAP, and ARCS with expected file format to reconciliation.

**Responsibilities:**

* Led as a Technical/Solution Lead for both UI and Backend in the project.
* Demonstrated high responsibility and dedication, successfully delivering Phase-1, leading to Phase-2 being awarded by the client.
* Designed the overall solution architecture during proposal stage based on high-level requirements and provided effort estimations.
* Designed deep-level architecture for backend inbound file processing jobs and documented it in an HLD.
* Set up backend .NET solution for Azure functions and designed Azure SQL database according to requirements. Also, established Backend DACPAC SQL project solution.
* Implemented source code maintenance in Azure DevOps and created deployment pipelines for Azure functions and SQL DACPAC project.
* Engaged in end-to-end activities, including providing technical solutions, conducting technical interviews, leading the team, assigning tasks, gathering requirements, estimating efforts, development, assisting team members, and conducting code reviews.
* Helping junior team members to bring up to the speed to meet the story deliverable timelines.
* Running daily client calls if required, showing completed page’s demo to client and internal stake holders.
* Helping project manager for planning if required and effort estimations.

**Company: Innover digital June 2022 – Feb’ 2024**

**Technical Lead | One Trade Global-GTM Application**

**Client: Thomson Reuters, US**

**Technology: Angular JS,.NET Web API(C#), Azure SQL, Azure Devops**

The Global Trade Management (GTM) project streamlines global trade management by providing trade compliance information and tools that automate tasks, ensure compliance, and save time. The current GTM system is a legacy ASP.NET with VB.NET web application, which faces performance issues due to slow page loading times and other challenges related to page lifecycle events. The objective of the GTM project is to transform the existing Integration Point (Global Trade) ASP.NET Web Application into an Angular application and integrate it into Thomson Reuters OneSource™ suite of applications. This transformation involves migrating ASP.NET web pages to Angular pages and converting backend functionalities to .NET Web API using C# with JWT token-based authentication for API calls.

**Responsibilities:**

* Led as a Technical Lead for both UI and Backend in the project.
* During proposal stage based on high-level requirements understanding, provided effort estimations.
* Engaged in end-to-end activities, including providing technical solutions wherever required, conducting technical interviews, leading the team, assigning tasks to the team, gathering requirements, estimating efforts, API development, assisting team members, and conducting internal code reviews.
* Along with leading team, put efforts on development and defect fixes including writing unit test using Xunit.
* Helping on testing team if there is any help required in manual testing or Automation testing team member queries or help relating to query preparations.
* Helping junior team members to bring up to the speed to meet the story deliverable timelines.
* Running daily client calls if required, showing completed pages demo to client and internal stake holders.
* Helping project manager for planning if required and effort estimations.

**Company: Cognizant Technology solutions**

**Senior Developer| Levo Methanol** **Feb’ 2021 –July 2022**

**Client: Jhonson Matthey, UK**

**Technology: Developing Azure functions with C#, Azure Web jobs and SQL database**

Johnson Matthey a chemical solution provider and helping their customers to get best output from their customer chemicals plant. Customer share their measurements date wise in excel taken from each machines and they analyze the data shared by their customer from excel manually. They used to run some mathematical calculations and based on the result, they will provide solutions to their customers. So Johnson Matthey now automating this by uploading a file from web site, so customer they can see machine performance in graphs from the website.

**Responsibilities:**

* Requirement analysis based on requirements document to cover the functionality, operations, technical issues and scope of work
* Writing azure functions, implementing XUnit test cases for the components and adhering to the coding standards set forth by the customer
* Written Azure functions with C# for file scanning using ClamAv and hosting Clamav in Docker container.
* Written Azure web jobs for file processing in version 1.
* In version 2, to support parallel file processing writing azure functions based on service bus queue size and elastic function premium plan.
* Generating migrations script whenever required for data model changes.
* Adherence to coding standard & code review of peers.
* Following Sonar cloud defined rules and fixing sonar reported issues before merging to branch.

**Company: Cognizant Technology solutions**

**Senior Developer| Wealth Management** **Aug’2018 - Jan’2021**

**Client: FNZ - Quilter, UK**

**Technology: ASP.Net, C#.Net, VB.Net, MVC, Web API, React JS, FLUX, Typescript and SQL Server 2012 Database**

FNZ - Quilter is an Insurance domain project used by direct customer and an adviser. It allows the adviser the client (Individual & Joint) creation and product (ISA, GIA & Pension) creation process. Adviser can visually interpret the performances by going through their platform services dashboard. A4A Platform provides wide range of functionality

**Responsibilities:**

* Worked as Full stack senior developer in this project and I have worked on UI (React JS) as well as backend API development using .NET. Involved in Development as well as managing team (Task assignment), client interactions and internal code reviews.
* Preparing and modifying database scripts for Tables, stored procedure and view. Writing and execution of unit test cases.
* Worked 5 months at client location in UK.

**Company: Cognizant Technology solutions**

**Senior Developer| Wealth Management**  **Sep’ 2020 – Oct 2020**

**Client: FNZ – Standard Life, UK**

**Technology: C#, MVC, React JS, FLUX, Type Script, Web API**

FNZ - Standard life project is for the financial advisers in UK which offers wide range of investment solutions to help their customers in the advice and planning process with respect to model portfolio services and pensions.

**Responsibilities:**

* Worked as Full stack senior developer in this project and I have worked on UI (React JS) as well as backend API development using .NET. Involved in Development as well as managing team (Task assignment), client interactions and internal code reviews.
* Preparing and modifying database scripts for Tables, stored procedure and view. Writing and execution of unit test cases.

**Company: Cognizant Technology solutions**

**Developer |Wealth Management Mar’ 2017 – Nov’ 2017**

**Client: FNZ-AVIVA, U.K**

**Technology: C#, MVC, React JS, FLUX, Type Script, Web API**

FNZ - AVIVA is an Insurance domain project used by direct customer and an adviser. It allows the adviser in client (Individual & Joint) creation and product (ISA, GIA & Pension) creation process. Adviser can visually interpret the performances by going through their platform services dashboard. A4A Platform provides wide range of functionality

**Responsibilities:**

* Worked as Full stack developer in this project and I have worked on UI (React JS) as well as backend API development using .NET.
* Preparing and modifying database scripts for Tables, stored procedure and view. Writing and execution of unit test cases.

**Developer | Wealth Management Jul’ 2016 – Mar’ 2018**

**Client: FNZ-Vanguard, US**

**Technology: C#, MVC, React JS, FLUX, Type Script, Web Api**

FNZ - Vanguard is an Insurance domain project used for direct customer and an adviser. It allows the adviser in client (Individual, Joint, and Trust & Corporate) creation and product (ISA, CIA, CIB, CRA, SIPP, & JISA) creation process. Vanguard wealth project is for the financial advisers in United States which offers wide range of investment solutions to help their customers in the advice and planning process. The ultimate aim is to offer the best investment and protection products at great value to their customers.

**Responsibilities:**

* Worked as Full stack senior developer in this project and I have worked on UI (React JS) as well as backend API development using .NET.
* Preparing and modifying database scripts for Tables, stored procedure and view. Writing and execution of unit test cases.

**Company: Virtusa Polaris**

**Developer | Banking Management Mar’ 2013 – Jun’ 2016**

**Client: Citi Bank-Citi direct, US**

**Technology: C#.Net, MVC, JQuery, C#.Net T4 template used for code automation**

In a continuing evolution of our online banking platform, TTS is deploying CitiDirect BE. The functionality & UI for CitiDirect BE will be built in phases. Release 1.3b will be followed up by R1.3c & 1.3d. The CitiDirect BE 1.3b File Services and Reporting application will support the functionality to import, export payment transactions via files and create, run, view, schedule and print reports. The primary business requirement for the reporting framework is to ensure that the customer has a consistent reporting toolset that covers all the methods for reporting with consistent navigation, look and feel across all product groupings.

**Responsibilities:**

* Requirement and impact analysis based on system requirements document to cover the functionality, operations, technical issues and scope of work
* Development of the new requirement or modification of existing system as per requirements
* Integration UI with service layer
* Mapping the objects using Auto mapper
* Writing automated code generations using T4 template in c#

**Company: Changepond Technologies**

**Developer | Banking Management Jul’ 2010 – Feb’ 2013**

**Client: Cubus Bank-Cubus Bank, US**

**Technology: C#, Asp.Net, JQuery**

CUBUS is a web-enabled application that is intended to be used by all the Credit Union Banking Solutions in USA. It includes numerous widgets that take care of basic banking functionality such as transaction, Account summary, transfer funds etc., combined with properly integrated modules for Rule Engine, Messaging, Authentication and Admin Portal.

**Responsibilities:**

* Requirement and impact analysis based on system requirements document to cover the functionality, operations, technical issues and scope of work
* Development of the new requirement or modification of existing system as per requirements

**Company: ITC**

**IT Support| In-house Application Aug’2007 – Apr’ 2010**

**Client: Help desk, India**

**Technology: C#, Asp.Net, JQuery, SQL Server**

Service Desk is designed to provide support for problems related to hardware, software and network. Computer users in the company log in their calls using the helpdesk module in the service desk application. The calls have to be attended within the specified SLA (Service Level Agreement) time. The application has a database of the information about the asset needed in the assets management module and it also includes software and hardware tracking.

**Responsibilities:**

* Requirement and impact analysis based on system requirements document to cover the functionality, operations, technical issues and scope of work
* Development of the new requirement or modification of existing system as per requirements
* Along with application development and Also supported IT service desk support.

**PERSONAL DETAILS**

Permanent Address : No 3/150, Navakurichiyar kadu, Kamakkapalayam, Thalaivasal Taluk, Salem, Pincode-636112.

Date of Birth : 27July 1981

Marital Status : Married

Sex : Male