**Malarmannan Gurunathan**

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**Experience Summary**

* 13 years of experience in designing, developing and testing of various applications using .NET technologies and Oracle/SQL Server.
* Successful in taking different roles – Architect, .NET Technical Lead and Web Application Developer
* Experience with all the phases of Software development life cycle including Object Oriented Analysis Design, Development, Testing and Documentation
* Experience in developing web and service-based applications using .NET, C#, ASP.NET, Web API, WCF, MVC, Web Services, AngularJs, Angular 10, ReactJS, Redux, Typescript, HTML5, CSS3, jQuery, Bootstrap and XML.
* Good working knowledge in Web Services, Web API and WCF for building service-oriented applications.
* Extensive working knowledge in creating and deploying Windows Services using .NET for major financial institutions.
* Developed application in Agile, SDLC and Waterfall methodology.
* Developed 3-tier architecture with class libraries for Data Access layer, Business Logic layer and Application layer using Object Oriented Programming concepts
* Good Knowledge in Entity Framework (LINQ) to work with relational data using domain –specific objects.
* Proficient in client centric programming with AngularJs, Angular 11, jQuery, JSON, HTML5, DOM and CSS3.
* Good at using Html, Validations and Controlling, JavaScript and CSS enhancing the website interface.
* Working knowledge in third party tools like Hightchart, Neon Shadow Client for Connecting DB2.
* Hands on experience in using version control tools such as VSS, TFS and GIT.
* Have Working experience in configuring and deploying web applications/services in IIS.
* Worked on cross platform application development with .Net, Mainframes and Salesforce.
* Responsible for the migration of various financial applications from Classic ASP to Angularjs. Developing architecture and design documents, as well as coding the solution.
* Improved the usability, maintainability, and reliability of legacy Classic ASP applications through a complete application rewrite.
* Designed online solutions to streamline existing manual business processes to eliminate redundant data entry, better reporting and establishing strong connect among Financial Advisors, Wealth Management Bankers and Account Holders.
* Knowledge in Database Programming using RDBMS databases like SQL Server 2012 and Oracle. Expertise in writing SQL Queries, Stored Procedures.
* Developed and performed SQL server query performance testing and tuning.
* Responsible for various phases of Deployment from Development to QA to Staging and finally into Production.
* Having more than 8+ years of experience in client facing, requirements gathering, designing and developing complex systems for major financial institutions.
* Interacted with subject matter experts to understand the business requirement and design the application accordingly.
* Articulate, confident communicator experienced with written and oral presentations.
* Excellent analytical and inter-personnel skills with exceptional ability to learn new concepts.

**Educational Qualification**

* B.E in ECE from Maharaja Engineering College affiliated to Anna University in 2007.

**Career Highlights**

* Bank of America India pvt Ltd, Chennai - Currently working as Software Engineer since Sep 2010
* iSOFT private Ltd, Chennai from Mar 2008- Sep 2010.

**Technical Skills**

.NET Technologies: C#.NET, ASP.NET, ADO.NET, Web Services, MVC, WCF, LINQ, Web API and .Net Core 2.0

Web Technologies: HTML5, XML, JavaScript, Typescript, AJAX, CSS3, Bootstrap & JSON

Tools : MS.NET Framework 2.0, 3.5, 4.5 & VS Code

Version Control : VSS, TFS, GIT, BitBucket

Databases : MS-SQL Server 2012, Oracle

Open Source : jQuery, NodeJs, AngularJs, Angular 11, ReactJS, Redux

**Professional and Project Experience**

**Project #1** **: Brokerage Cash Monitoring**

Team Size **: 2**

Duration **:** 6 months

Role **:** Analysis**,** Design and Development and Team Lead

Platform **:** C#.Net, Web API 2, ReactJS, Typescript, Bootstrap 4 and SQL

**Synopsis**

Unused cash from an account over the period of 3 months or more needs to be reviewed. Household should be notified, either to invest them into other product or to get letter of agreement.

**Responsibilities:**

* Analysis and Architect Application in ReactJS with Redux store.
* Implemented Action, Reducer and Store concepts.
* Data access layer implemented with an extensible, promise-based react-thunk middleware layer to give customer granular control over what happens to requests and responses.
* Offline support, response caching, request interception, and API authentication error handling implemented as promise-based middleware.

**Project #2** **: Institutional Escalation**

Team Size **: 2**

Duration **:** 10 months

Role **:** Analysis**,** Design and Development and Team Lead

Platform **:** C#.Net, Web API2,Angular 7, Typescript, Bootstrap 3 and SQL

**Synopsis**

Institutional Escalations application is to review the institutional account to be escalated or to be continued with various hierarchy level approval process.

**Responsibilities:**

* Analysis and Architect Application in Angular 4 with TypeScript.
* Implemented Module, Component and Services.
* Data access layer implemented with an extensible, promise-based middleware layer to give customer granular control over what happens to requests and responses.
* Offline support, response caching, request interception, and API authentication error handling implemented as promise-based middleware.

**Project #3** **: Expense Management Report**

Team Size **: 2**

Duration **:** 6 months

Role **:** Analysis**,** Design and Development and Team Lead

Platform **:** C#.Net, Web API2, Angular 4, Typescript, Bootstrap 3 and SQL

**Synopsis**

BOP application provides Report analysis on metric vice with each product data information. This report provided on weekly base.

**Responsibilities:**

* Analysis and Architect Application in Angular 4 with TypeScript.
* Implemented Module, Component and Services.
* Data access layer implemented with an extensible, promise-based middleware layer to give customer granular control over what happens to requests and responses.
* Offline support, response caching, request interception, and API authentication error handling implemented as promise-based middleware.

**Project #4** **: Enterprise Alliance System**

Team Size **:** 4

Duration **:** 6 months

Role **:** Analysis**,** Design and Development and Team Lead

Platform **:** AngularJS, C#.Net, Web API2, Bootstrap and Oracle 11g

**Synopsis**

EAS application provides alliance to one LOB to other LOB and monitor the performance of business.

**Responsibilities:**

* Analysis and Architect Application in AngularJs with web API.
* Implemented Module, Prototype and Observer JavaScript Design pattern.
* Used Web API 2.0 with OData to get data.
* Data access layer implemented with an extensible, promise-based middleware layer to give customer granular control over what happens to requests and responses.
* Offline support, response caching, request interception, and API authentication error handling implemented as promise-based middleware.
* Application worked across mobile devices (primary use case) and modern desktop browsers.
* Access backend data using WebAPI and get and post process.

**Project #5** **: Recruiting & Hiring**

Team Size **:** 4

Duration **:** 6 months

Role **:** Analysis**,** Design and Development, Performance Tuning and Support

Platform **:** AngularJS 1.5, C#.Net, Web Services, JQuery, Bootstrap and Oracle 11g

**Synopsis**

Recruiting and Hiring portal application is to provide training and process of new FA in advisory platform.

**Responsibilities:**

* Analysis and development in anagualrjs with MVC 4.
* Used AngularJS as the development framework to build a single-page application
* Data access layer implemented with an extensible, promise-based middleware layer to give customer granular control over what happens to requests and responses.
* Offline support, response caching, request interception, and API authentication error handling implemented as promise-based middleware.
* Application worked across mobile devices (primary use case) and modern desktop browsers.

**Project #6** **: Business Development Administration (BDA)**

Team Size **:** 4

Duration **:** 12 months

Role **:** Design and Development, team leading, client interaction, Performance Tuning and Support

Platform **:** ASP.NET4.5, Oracle 11g, Ajax 1.0, Jquery, Web services and DB2

**Synopsis**

Business Development Account is an integral part of Financial Advisors’ compensation. BDA application provides an online platform facilitating FA to manage their business related expenses, award programs, client portfolio etc. BDA application handles more than 100$ million in a given year and supports nearly 20, 000 Financial Advisors globally. BDA application consists of more than 40 pages developed in ASP.NET 4.5 with DB2 and Oracle as backend. It provides different security gateways for different roles (FA, Manager, Admin etc).

**Responsibilities:**

* Involved in requirement gathering, analysis and finalizing specifications
* Designed and implemented a workflow called “Election Process” which enables Financial Advisors to determine their contribution towards managing business expenses. It’s a two-week window available during the beginning of every year.
* Developed a three-tier architecture which handles the complex business logic, highly interactive user interfaces and more than 10,000 user visits per day.
* Designed and implemented a complete role-based security plug-in to controls different roles accessing different levels of the application.
* Implemented the Object-Oriented Programming Concepts in C# and ASP.NET
* Developed Stored Procedures, Tables, Cursors in Oracle11g
* Coordinated UAT testing with the LOB, project documentation and post release support.

**Personal Details**

Date of Birth : 3rd JUN 1986

Marital Status : Married

Languages : Tamil and English.

**Declaration:**

I hereby declare that the above written particulars are true to the best of my knowledge.

**Place:Chennai (Malarmannan.G)**