# NAGARAJU TATIPARTI

# Full Stack .Net Lead

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**Current Location: Sunnyvale, CA**

**Professional Summary:**

* 12 years of experience in Design, Development of Microsoft .NET Based Applications.
* Extensive experience of developing software applications with the **C#, VB.Net, .NET Framework, ASP.NET,ASP.NET CORE, MVC, Entity Framework, Entity Framework Core, ADO.NET, LINQ, Lambda, Reporting Tools, Azure, JavaScript, TypeScript, jQuery, XML, Angular JS, Angular and Angular Material**.
* Strong domain knowledge in **BFSI**.
* Strong experience in developing web based and smart client applications using **Java and .NET framework** ASP .Net MVC**.**
* Good experience on **MS-Azure** Cloud Architecture (**PaaS and IaaS**) assessments, also have experience in **Azure storage accounts** like Blob, Queue, Table and Files.
* Experience in web based **3-tier and N-tier distributed architecture and MVC architecture.**
* Hands-on experience in creating and communicating over **web services and WCF service-oriented**

Architecture.

* Hands-on experience in version control using **TFS**,**SVN, GIT.**
* Adept with the concepts and used **dependency Injection, multi-threading, exception handling, parallel and async programming** during development.
* Strong relational database background in **SQLServer, Oracle 10g** with extensive knowledge in writing T-SQL scripts, Stored procedure, Views, Database designing and Maintenance.
* Experience in **Language-Integrated Query (LINQ)** to retrieve data from different data sources (LINQ to Entities, LINQ to XML, and LINQ to SQL.
* Strong experience of developing data models, mapping classes with Relational and **NoSQL** databases using entity framework.
* Good experience in developing database programs like **Stored Procedures, User Defined Functions, Triggers, Packages and implementation scripts (Batch Scripts) on PL SQL & T-SQL using Oracle 8i/9i/10g and Microsoft SQLServer 2008/2012.**
* Experience working in **SQL Server Integration Services (SSIS)** packages to extract, transform and load (ETL) data from different databases.
* Hands-on experience in creating stored procedures, triggers, and functions, Indexes in Databases to improve maintainability of the application.
* Experience with build tools ANT, Maven and CICD tools like Jenkins and logging tools like Log4J.
* Used the JIRA **ticketing system** to keep track of issues and tasks on individuals.
* Proven ability to lead implementations and deliver technical solutions improving revenues, margins and workplace productivity.
* Dedicated and highly ambitious to achieve organizational as well as personal goals.
* Strong and effective interpersonal and communication skills and the ability to interact professionally with a diverse group of staff.

**Technical Skills**

| Languages | C#.Net, Design Patterns |
| --- | --- |
| .Net Frameworks | .Net ( 3.5,4.0,4.5,4.6) , Web API, ASP .Net, .Net Core |
| IDE’s | Visual Studio 2013/15/17/19 |
| Client-Side Technologies | AngularJS , AngularJS Bootstrap, AngularJS plugins, Node JS, jQuery,  jQueryBootstrap, Ajax, JavaScript, HTML5, CSS, SASS. |
| Database | DB2, Oracle Server 10g/11g, SQL Server, Postgres |
| Methodologies | Agile, Scrum, RUP, TDD, OOAD, SDLC |
| Repositories | GitHub, SVN. |
| Operating System | Windows, Linux, Unix. |

**Work Experience Projects details:**

1. Project Name : E-HR Dec 2022 to Present

Client : Alameda Behavioral Health

Role : Full Stack Developer

# Project Description:

* Developed web application with responsive user design using Angular and Asp .net Core.
* Consumed data using REST API
* Created reports for State reporting using Power BI
* Responsible for gathering requirements and composing High Level Design Document of the application as the projects were developed from scratch.
* Implement customizations as per Business requirements

1. Project Name : Digital Checklist for Accounting Bridge Feb 2020 to Nov 2022

Client : BNY Mellon

Role : Technical Lead Environment : .Net 5, Angular11

# Project Description:

Bridge is a process established to validate the vendor accounting data received by running queries.

After running the queries manually, there will be a process of reporting the status of the bridge to the team. This manual process has been automated by using a system, this system monitor’s the drop off location and sends notification to the team, once the files are received and runs the QC checks after a stipulated that is required to load the data into the database. System informs the team about the results of the QC process over an email. There will be a task created and assigned to the user who tracks the QC process until completion.

# Roles and Responsibilities:

* + Create a project plan and ensure the timely completion.
  + Create use cases to understand the user stories and write functional requirements.
  + Assisted Project manager to create project timelines, milestones, resource planning etc.
  + Create and track the progress by agile sprint meetings.
  + Developed web application with responsive user design using Angular 11 and Asp .net Core.
  + Capture business requirements and define functional specifications for implementing Identity access management / Single Sign on (SSO).
  + Responsible for gathering requirements and composing High Level Design Document of the application as the projects were developed from scratch.
  + Worked on REST/ WEB API to create methods and consumed in Angular services by HTTP call.
  + Accessed Restful resources with HTTP protocol, the URL of the resource serves as the resource identifier and GET, PUT, DELETE, POST and HEAD are the standard operations.
  + Extensively used the LOG4j to create customized logs so as reports can be displayed on GUI.
  + Track the issues logged in JIRA and ensure they are resolved in a timely manner.
  + Used GIT for version management between various integration and development streams.

| 3. Project Name : | Client Experience Analytics | Nov 2018 to Feb 2020 |
| --- | --- | --- |
| Client :  Role : | BNY Mellon, India  Technical Lead |  |

Environment : Visual Studio 2017, angular 6, Entity framework, SQL server

# Project Description:

Client Experience analytics is a platform, which provides detailed information of the services that are provided as part of the various processes in the team for the global clients. This gives the KPI information of the overall client services like report delivery, data quality and processing information to a user.

# Roles and Responsibilities:

* + Reverse engineered processes where no documentation for the system existed.
  + Involved in reviewing complex SQL queries, views, functions and stored procedures and spotting issues before/during code migration.
  + Rigorously tested SQL’s implementation of existing code.
  + Analyzed the system documents to show the current and proposed functionalities of the system using MS VISIO.
  + Gather detailed business and technical requirements and participate in the definitions of business rules and data standards.
  + Assisted in identifying and analyzing the possible technical solutions.
  + Assisted Project manager to create project timelines, milestones, resource planning etc.
  + Coordinate with onshore team to develop the requirements in agile methodology.
  + Prioritize the requirements and to implement the requirements as per the plan.
  + Guide the junior team members in order to accomplish tasks on time.
  + Implemented the application using design patterns such as Façade, Factory and Singleton.
  + Used GIT for version management between various integration and development streams.
  + Wrote Karma test cases to test the UI functionality of the code.

4. Project Name : Analytics Workload Tracker Oct 2015 to Nov 2018

Client : BNY Mellon, India

Role : Technical Lead

Environment : Visual Studio 2013, angular js, Entity framework, SQL server 2008 R2

# Project Description:

Analytics workload tracker keeps track of the portfolios and performs their quality checks for every month and keeps the clients notified about the account status. The major functionalities of the application include monitoring the portfolio changes, conducting quality checks for the manager holdings and sending account status to the business users.

# Roles and Responsibilities:

* + Transformed the manual QC process to systematic web-based process.
  + Analyze the requirement and provide estimates for the requirement.
  + Develop and deploy applications as per the project plan.
  + Work with team members, review the code ensures the timelines are maintained as per the sprint plan.
  + Used excel templates to create excel report templates using Closed XML.
  + Used AngularJS framework to create a Single Page Application
  + Used Bootstrap 3.0 to create interactive web pages.
  + Create more responsive screens by utilizing various angularJS plug-in and directives, which helps users to perform actions with ease.
  + Implemented on REST/ WEB API to create methods and consumed in Angular services by HTTP call.
  + Used multi-threading to execute the task parallel, this increased efficiency.

1. Project Name : Touch point Nov 2014 to Oct 2015 Clients : Physicians world, India

Role : Senior Developer

Environment : Visual Studio 2010, MVC 4, jQuery WCF and SQL server 2008 R2

# Project Description:

Touch point is a system used by the medical representatives, product clients, speakers to plan events and to train the people based on the product. System is used by a speaker to schedule his events and to view his payments for the attended events. Client uses the system to create the products and create the product specific training for the speakers. Speakers who are trained on these products participate in the product publicizing events. System has the ability to create, nominate and approve speakers. View speaker payment info.

# Roles and Responsibilities:

* 1. Analyze the requirement and to provide the design plan for the requirement.
  2. Giving definitive estimates for the requirements, prioritizing and to implement the requirements as per the plan.
  3. Performed the Unit testing and integration testing before the requirements are handed over to QA.
  4. Used to jQuery, MVC 4 and SQL server to implement the functionality.
  5. Fixing the issues as part of QA cycles in the product release management.

1. Project Name: ARIEL Jan 2014 to Oct 2014

Clients : Walt Disney, India

Role : Senior Developer

Environment: Visual Studio 2010, Silver light, WCF, n-hibernate and SQL server 2008 R2

# Project Description:

ARIEL is a web application which maintains all the inventory of the hotels and parts in the Disney location.

The users of the application are inventory clerks and managers, who use the application to maintain the inventory details. All the transactions that are happening at a location are audited under the business units

Called cost centers and there are various financial phases like month end activity which closes the financial cycle of the month. After the month end, the financial data gets exported to the SAP systems for the auditing Purpose. The data is exported to the various outbound systems through SSIS packages.

# Roles and Responsibilities:

* Development of the new screens as a part of new enhancements into the application.
* Used hibernate mappings to communicate with the database.
* Performed Unit and Integration testing on the application.
* Provide the on-call support to the production applications, for the issues raised through HP service manager.
* Created change requests for deployment of enhancements to the production.

7. Project : AFR Nov 2012 to Dec 2013

Clients : Dubai Police

Role : Developer

Environment : Visual Studio 2010, Entity framework, MVP, C#.NET 4.0, WCF Services,

SQLServer 2012.

# Project Description:

Automated Field Reporting (AFR) is a solution that meets the growing need of quick and accurate reporting in a mobile environment. The field Reporting System allows officers to write and electronically file police reports from their mobile devices. Once completed, officers can quickly share report details through wireless transmission to headquarters for approval & notification. This significantly reduces the need for officers to return to headquarters to perform reporting tasks and provides an overall time savings to public safety agencies.

# Roles and Responsibilities:

* 1. Followed MVP architecture to maintain the structure of the project for scalability and maintenance benefits.
  2. Used localization to format the data the data display to Arabic, if he is located in Dubai.

1. Project Name : Financial Inclusion Nov 2012 to Dec 2013

Clients : AB, BOM, HGB (India)

Role : Developer

Environment : Visual Studio 2010, C#.NET 3.5, 4.0, SQL Server 2008 R2.

# Project Description:

Financial Inclusion is an application used for the customer enrolments and transactions. Through this system the CSP (Customer Service Provider) Creates new enrolment records and customer transactions.

The newly enrolled Customer details are directly uploaded to FTP and parsed to the FI Database. All the transactions performed by CSP are monitored through the FI server database which communicates with the Core Banking database to validate the transaction and provide response.

**Roles and Responsibilities:**

* Design, Development of Win forms and Web-forms using Asp. Net and C#.NET.
* Developed a web application which monitors all the requests from the POS device and provides appropriate response.
* Encrypted and Decrypted requests and responses by using cryptographic algorithms.
* Created stored procedures, triggers and functions for communicating with the database.
* Communicated with the core banking server over a secure channel, to perform the financial transactions.
* Created multiple financial transactions requested in line with global ISO-8583 transaction format for all transactions.
* Worked on the transaction module, which includes Credit, Debit, Balance Enquiry, Fund transfer and Mini Statement transactions.
* Worked on the card less transaction module, which authenticates the user by Biometric data available with UIDAI gateway to perform the transactions.

| 8. Project Name  Client | : Provision  : Rajdeep Associates, India | Aug 2010 to Oct 2012 |
| --- | --- | --- |
| Environment | : Visual Studio 2008, C#, .Net, MS SQL Server 2005,2008 |  |

# Project Description:

The Financial Accounting system has the capacity to have multiple companies and currencies. Some of the standard features include, Cost Centers, Budgeting and ability to configure complex tax structures. It keeps track of every minute financial transaction in the organization.

# Roles and Responsibilities:

* Development of the web applications using ASP.NET, C#.NET, JavaScript, XML, CSS.
* Followed n-tier architecture to maintain the structure of the project for scalability and maintenance benefits.

**Education**

* B.Tech in Information Technology from CVR college of Engineering,2010, affiliated to JNTU Hyderabad