**ProfessionalSummary**

* 12 years of IT Industry experience in the areas of Design, Development, Delivery, Operations and Offshoring.
* Experience in Web, Windows, Mobile and AI based solutions.
* Specialization in application development on **C#, ASP.NET, WPF, MVVM, MVC3/4, HTML5, JavaScript, Type Scripts, jQuery, AngularJS, Angular 2, AJAX, XAML, WPF, SQL Server, MySQL, SSRS, SSIS Reports.**
* Experience in architecting Microsoft technology stack based solutions, developing core components, performing code reviews and performance tuning.
* Strong knowledge in Project Lifecycle Management, Product Data Management, Industrial Production, Aerospace, Transportation and payroll domains.
* AdeptinProject deliverables usingScrum**Agile Development Methodologies**.
* Experience in **Continuous Integration& Build Automation, Jenkins** building Tools.
* Excellent Analytical & Communication skills.
* Global exposure with clients across US, UK, Germany andSouth Korea.

**Education**

* **Bachelor of Engineering** (B-Tech) in Computer Science & Engineering fromVardhaman College of Engineering,Hyderabad, Jawaharlal Nehru Technology University of Hyderabad (2005) with 62%.
* **Intermediate** from Sri Chaitanya Jr. College, Hyderabad, Board of Intermediate (A.P) with 83.5%.
* **S.S.C** from Students Institute High School, Hyderabad, Board of Secondary Education (A.P) with 70%.

**Technical Skills**

**Languages** : C#,WPF, VB, C, C++

**Web Technologies** : ASP.NET, HTML, HTML5,JavaScript, AJAX, JQuery and Angular 2,

AngularJS, WebGL

**Frameworks :** MVP, MVVM, ASP.NET MVC 3.0, MVC 4.0

**Databases** : MS SQL Server, My SQL, MS Access

**Operating Systems** : Windows 7, Windows XP, Windows2000/98/95, Windows NT 4.0

**Version Management** : Win CVS, Win Merge,Subversion, Tortoise and TFS

**Microsoft Technologies** : .NET, SQL Server, SharePoint and Azure

**Projects**

1. **APTIV**

**Client**  : APTIV (Active Safety) Indiana ,USA

**Duration**  : January 2018– Till date.

**Location** : Kokomo ,Indiana, USA.

**Software** : C#, ASP.NET, python scripting, Devops

##### Description

The objective of the project is to develop Code for applications used in automotive Diagnostic Engineering Tool to read messages from ECU from different channels like vehicle CAN,SRR,and MRR CAN and to develop automated scripts with python for Jenkins pipeline jobs

**Role** :Project Lead

**Team size :** 5

**Responsibilities:**

* System Architecture and Software design.
* Designing the code and commuting the SOLID Design Principles
* Development of Code in C#, ASP.NET,
* Writing interfaces for applications
* Coding Python Scripts for Automation Testing.
* Development of Applications both in Web and Windows.
* Coding and integrating front-end GUIs with back-end databases, APIs, and other computational frameworks
* Code reviews with team using Plastic SCM Project database
* Attending Scrum meetings and defining backlog items with the team and product owner.
* Participating and coordinating scrum sessions.

1. **BE Aerospace Lighting Application System**

**Client**  : BE Aerospace (Rockwell Collins –Lightning Division) USA

**Duration**  : Oct 2015– Dec 2017.

**Location** : New York, USA.

**Software** : C#, ASP.NET, SQL Server, Angular, jQuery, python scripting

##### Description

The objective of the project is to develop the automated test and web projects which for different lights used in spacecraft’s, calibrating the lights measuring the temperature, aging of lights using C# and Angular 2.

The sequential flow of the RGB values calculating the harness count and barcodes, the voltage supplied to the lights. Calculation of CRC for OPS bootloader which is developed from microchip processor.

Communication through RS232 and RS 485 Protocols the lights data is tokenized and reads the commands from the light the results of the Application are collected in the SQL database.

Development of Python Scripts for Production Control using SVN.

Web Application support for kinds of Projects which support to Lighting System

1. Lighting Communication Tool

2. Lighting Control Panel.

3. PC Load Tool

4. Automated Test Applications for all Test Projects

5. SATP (Supplier acceptance Test Procedure)

The Applications are covered for all types of Lights (AC Wash, DC lights and Flex Lights) with customers (Boeing, Airbus, British Airways, American Airlines, Japan Airlines)

**Role** :Project Lead

**Team size :** 5

**Responsibilities:**

* System Architecture and database design.
* Code structured to Singleton Design Pattern.
* Designing the code and commuting the SOLID Design Principles
* Development of Code in C#, ASP.NET, Angular 2
* Writing interfaces for applications
* Writing Stored procedures, triggers for SQL Server.
* Coding Python Scripts for Automation Testing.
* Development of Applications both in Web and Windows.
* Coding and integrating front-end GUIs with back-end databases, APIs, and other computational frameworks
* Code reviews with team using Code Collaborator
* Attending Scrum meetings and defining backlog items with the team and product owner.
* Participating and coordinating scrum sessions.
* Creating Builds and exes with InstallSheild.

1. **STEPPS Website**

**Client**  : CNH Industrial, USA

**Duration**  : Jun’15– Oct’15

**Software** : C#, ASP .NET, SQL Server, Angular JS

##### Description

The objective of this project is to develop a Website for the CNH Industrial which creates the Product request for Engine Configuration with workflow bases.

Continues integration with Jenkins Open source tool is used in this project to build.

Performed the Software build with gradle, the website helps the production engineers to create the product request and add the configuration of engines models and their versions to track the production of their trucks and tracking the production.

**Role** :Project Leader

**Team size :** 2

**Responsibilities:**

* System Architecture and database design.
* Designing the code and commuting the SOLID Design Principles
* Development of Code in C#, ASP.NET
* Professional Services for end users.
* Scrum scheduling and defining backlog items with the help of the product owner.
* Release management.
* Participating and coordinating scrum sessions.
* UAT support & training the trainer.

1. **VitalSync (Integrated Patient Intelligence)**

**Client**  : Medtronic’s (Covidien) Boulder, Colorado, USA

**Duration**  : July 2014– June 2015.

**Location** : Boulder, Colorado, USA

**Software** : C#, ASP .NET, SQL Server, MVC4, jQuery,HL7

##### Description

The objective of this project is to develop a Device protocol for HL7 integrations for Vital Sync Application and develop User interface in MVC 4 frameworks with sql2012 as databasemapping of provider tags to VS entities with TCP/IP protocol for Communication.

Using HL7 messages parsing and constructing and fill appropriate entities identifying patients with distinct protocol context and one entity processor per patientAlarms are implicit, based on data and thresholdsResponses to Ack/Nackmessages, Parsing HL7 messages with nHapidlls

**Role** :Project Lead

**Team size :** 3

**Responsibilities:**

* Responsible for analyzing the requirements and client interactions.
* Development of Code in C# with nHapidlls
* Participating and coordinating scrum sessions.
* Responsible for Design reviews and requirements
* Developing Unit tests and Engineering test cases.

1. **RFID Simulator Web Application Tool**

**Client**  : Rockwell Automation, Germany

**Duration**  : Nov’13– Jul’14.

**Location** : Bangalore, India

**Software** : C#, Three.gs, WebGL, Javascript, HTML5, jQuery

##### Description

The objective of this project is to develop a Web Browser tool which can simulate the data read/write speed of RFID tag with the transceiver. Following features shall be supported in the tool:

Transceiver Selection: Option for selection of the transceiver.

The setting of parameters of the transceiver: External Baud Rate, RS485 Baud Rate, RPI, Simulation Speed.

The Web application will support to show up the Customer tags and transceivers developed in 3D models which converted by three.js JavaScript object and loading in HTML5 with WEBGL Support.

Support for 64kB high memory tag read & write: 64kB tag shall be used with custom commands and uses external EEPROM which is accessed by tag transponder via SPI.

Support for iOS& MAC browsers.

Rockwell Automation expects the simulation results shall meet with the measured readings for reading and write on different tags.

**Role** :Sr. Software Engineer

**Team size :** 1

**Responsibilities:**

* Stakeholder discussions and product road map planning
* Responsible for analyzing the requirements and client interactions.
* Assigning tasks to team members.
* Responsible for designing the database and application.
* Developing the prototype Screens
* Review of requirement and design.

1. **Scout, VPGate**

**Client**  : Avtec Inc, USA

**Duration**  : Feb’13 – Nov’13.

**Software** : C#, ASP.NET, SQL Server

##### Description

Scout is Avtec’s 4th Generation console product and was designed for a 10+ year lifecycle in mission-critical environments. Scout provides a dedicated media workstation with its own Ethernet connection and rugged peripherals. This allows customers the option to operate on standard PCs and benefit from reduced life-cycle support costs.

Scout supports the P25 Console Sub-System Interface (CSSI) for direct IP connections from VPGate to P25 trunked radio systems. This new release offers an interface that allows integration of console positions with third-party Computer Aided Dispatch (CAD) systems, along with many other enhancements.

**Role** :Project Leader

**Team size :** 6

**Responsibilities:**

* Responsible for analyzing the requirements and client interactions.
* Assigning tasks to team members.
* Coding and testing
* Writing acceptance test and unit test documents.
* Designing class diagrams and functional flow diagrams
* Preparing Gantt chart and estimation sheets.
* Review of requirements and design and following Coding standards
* Interaction with customer on Status call with agile process

1. **ATEX-Automated Test Execution Tool (Development).**

**Client**  : Whirlpool, USA

**Duration**  : Dec’12 – Feb’13.

**Location** : Bangalore, India

**Software** : C#, WPF, WCF

##### Description

Development of Automated Test Execution Tool that will be used for in developmentand/or verification testing of Whirlpool - Fabricare appliances including but not limited to their connectivity features under the preview of Advantage project. ATEX is an Integrated Development Environment that includes different modules for scripting test cases, execution and report generation.

For scripting test cases a Scripting Language thereby, a Script Editor will be developed to speed up the process and reusability.

Script execution module will provide features such as test case sequencing, run/pause. Also with online WIDE message monitoring and filters for specific messages.

**Role** :Project Leader

**Responsibilities:**

* Responsible for analyzing the requirements and client interactions.
* Review of requirements and design and following Coding standards
* Assigning tasks to team members.
* Coding and testing
* Review of requirement and design.
* Interaction with customer on Status call and requirements

1. **Multi touch UI**

**Client**  : Samsung

**Duration**  : Jun’12 – Dec’12.

**Location** : Seoul,South Korea.

**Software** : C#, HL7, WPF,XML

##### Description

The Project is used to develop the Touch interface to Medical devices which acts like monitor which controls through probes and touch Developed MultiTouch User Interface for Samsung Ultrasound Diagnosis system with improved image quality and functions. Rich User interface Controls development with tool Expression Blend.

Integrated real-time DVD recording, ADVR™ enables simultaneous scanning and recording and allows users to choose desired recording areas.

The backend will be C# with the integration of c++ libraries and device drivers.

**Role** :Project Leader

**Team size :** 3

**Responsibilities:**

* Responsible for analyzing the requirements and client interactions.
* Basics of Samsung Medison Medical Diagnosis Products System. Overall Understanding of Samsung Medical Diagnosis Products and Configuration of System.
* Leading the team with Project Leading Activities respective to Delivery of project with Software Quality Assurance (SQA)
* Worked on .NET 4.0 Technologies C#, XAML.
* Implemented TOUCH Gestures WPF, user Interface, WPF architecture,
* Basic Feature and functionality ADAM Module U90.
* Worked Windows forms by using C#.Net.WPF
* MVVM Design Pattern followed for development

1. **EBSTime, WebTimesheet and EBS Alerts (Product Development and Maintenance)**

**Client**  : NBC,theNoerr Programs USA

**Duration**  : Jun’08 – Jun’12

**Location** : XOneeC, Bangalore India

**Software** : C#, ASP .NET, SQL Server, JavaScript, MVC, SSRS, SSIS

##### Description

EBSTime Fully Integrated Solutions for Time and Labor Management, Attendance Tracking and Scheduling Software. EBSTime enables you to easily configure complex payroll rules and policies for your organization, and then generate electronic time sheets which can be viewed, modified and approved online. The system is delivered with a complete set of time & labor, attendance and scheduling reports which enable you to validate and reconcile your electronic time sheets with payroll. EBSTime is the administrative module for configuration, for electronic timesheet approval, and for accessing reports and employee information. The other available modules include Web Time Sheet, Web Punch, Scheduler, Attendance, and TelePunch (for entering time punches via telephone).

Job Cost Accounting - for automatically tracking labor hours and wages by cost accounting codes.

**Role** :Sr Software Engineer

**Team size :** 4

**Responsibilities:**

* Designing the Database for the three main components in ASP.NET
* Generating reports using SSRS and SSIS Microsoft reporting tools
* Responsible for analyzing the requirements and client interactions.
* Assigning tasks to team members.
* Performance tuning of the application
* Involved in designing the database and application.
* Developing the UI Screens
* Involved in Implementing change requests given by client

1. **Systemic Enterprise Connector (Development and Maintenance).**

**Client**  : East Collaborative Product

**Duration**  : Mar’06 – Jun’08

**Location** : XOneeC, BangaloreIndia

**Software** : C#, ASP .NET, SQL Server

**Hardware :** P-IV/512MB RAM

##### Description

SEC is an online project life cycle management system with powerful Enterprise Application Integration processing needs in an engineering and manufacturing enterprise confronted by various functions/departments having operations at tactical level to strategic to policy levels.Configuration control features in all the systems facilitate decision-making persons or groups of people across the product development or project hierarchy for evaluating and approving or disapproving pieces of data/ information in transactions.

SEC is a highly scalable and integrated internet/intranet environment with robust systems that interplay addressing large data, information and time bound functions more specific to product development enterprises.

The three important functions in SEC are

**Product Data Management**

**Project Management**

**Communication Central**

**Role** :Software Developer

**Team size :** 4

**Responsibilities:**

* Designing the Database for the three main components.
* Preparing and reviewing Design documents and preparing Test strategy.
* Coding the Product Data Management.
* Working on Change Requests/Data Quality viz., Changing business rules, software upgrades, etc.
* Implementing the user interface design.
* Participating in work group meetings.

1. **Getevents (Development).**

**Client**  : GetEvents, USA

**Duration**  : Mar’06 – Jun’08

**Location** : XOneeC, Bangalore India

**Software** : C#, ASP .NET, SQL Server

**Hardware :** P-IV/512MB RAM

##### Description

GetEvents is a web portal providing on line access to users to upload image files, video files of the most cherished events like birthday parties, marriage anniversaries, tours etc or documents related to technical discussions, business meetings etc, along with the facility to download files for viewing or burning CDs.

Users:

* Sender: User who places an order.
* Receiver: User who receives videos, photos, CDs etc.
* Partners: Authorized dealers who process the order.
* Administrator: Takes care of the order placed that is whether it is Pending, Accepted or Completed and accordingly acknowledges sender, receiver and partners

**Role** :Team Member

**Team size :** 1

**Responsibilities:**

* Programming for Admin and Partner module
* UI Design for Admin and Partner module
* Documentation for Admin and Partner module
* Participating in work group meetings.