

NAMITHA T G

Phone: +91 9380974367

Email: namithatg93@gmail.com

RESUME SUMMARY

Having more than 7 years 6 months experience as a Software Engineer and expecting a Prospective carrier in the field of Software Engineering amidst challenging environments that would utilize and hone my Professional and interpersonal skills and in the process augment values to the concern.

ACADEMIC CREDENTIALS:

- **Bachelor of Engineering** in Electronics and Communication from Vishvesvaraya Technological University- Belgaum (Akshaya Institute of Technology), Tumkur, from period 2011-2015 with score of **62%**.

EXPERIENCE SUMMARY

Currently working as **Senior Software Engineer** in **PTW(Pole to Win)**, **Bangalore, India** from Feb 2023 to till date.

Worked as Senior Software Engineer(Professional II) in Altran(acquired by Capgemini), Bangalore, India from November 2020 to Feb 2023.

Worked as Software Engineer in Panacea Medical Technologies Pvt. Ltd., Bangalore, India from December 2018 to November 2020.

Worked as Automation Engineer in M/s Shakthi tools and Engineering , Bangalore, India from August 2016 to December 2018.

JOB EXPERTISE

- Having more than **Seven years six months** of experience in the field of **C#, WPF** development and Industrial Machine Automation systems.
- Design & Development of software, Co-ordination with customer for design Approvals.
- Can able to do .Net applications using **WPF, C#** with **MVVM** Architecture, VB.NET and Winforms.
- Worked in .Net Core Applications.
- Can able to do WCF for sending and receiving Data.
- Can able to use database using SQLite, SQL Server Management Studio with C# and make communication to C# through Entity Framework.
- Can able to make and understand Basic PLC programming logics using of ladder
- Can able to do Web Design using **HTML, CSS**.
- Able to do design a Complete Software Application for Data Monitoring for Whole Plant Automation such as Production Monitoring, Machine Power Monitoring, Machine Cycle Time Monitoring etc.
- Able to communicate the NI card and Siemens 1200 PLC using of **WPF, C#**.

- Wide experience in Complete plant production reports.
- Can able to do and maintain project Documentation according to ISO 9001:2015.

CERTIFICATION:

- Certified as java, J2EE, from Jspiders, Bangalore
- Certified as PLC and SCADA from Prolific, Bangalore.

TECHNICAL SKILLS:

- .Net C#, WPF (Visual Studio 2022-.Net Framework 4.5 and above) with MVVM Pattern.
- WCF
- .Net Core
- Windows Forms(WinForms)
- SQL Database Management systems (MS SQL, SQLite) using EntityFramework.
- SQLite Database
- Basics Oracle Database
- Basics Vb.Net
- Html, css
- Basics ASP.NET
- Microsoft Office
- Basic PLC programming(Handled Siemens PLC using of TIA Portal V13 Sp1 Advanced)
- Basic JAVA

PROJECTS:

Project Title: Testing of ACB,MCB

Aim of this project is to test the MCB, ACB products as per work order from their centralized server and after testing product tested data fetched to their Server Database and print For rotating the Breaker ON/OFF position used Servo's

Resources Utilized : Visual Studio 2015(.Net frame work 4.5) ,C#, WPF(MVVMlite Framework) , MVVM Architecture, NI card , SQLite 3 Database.

Project Client : ABB

Project Location : Nelamangala

Project Duration : 3 months

Project Title: Thermal Calibration Test Bench

Aim of this project is to verify Thermal calibration of the MCCB products MCCB is subjected to trip, this trip time depends on Rating of MCCB. In this process current is supplied with respect to rated value of MCCB.

Resources Utilized : Visual Studio 2015(.Net frame work 4.5) , C#, WPF(MVVMlite Framework) , MVVM Architecture, NI card , SQLite 3 Database.

Project Client : ABB
Project Location : Nelamangala
Project Duration : 4 months

Project Title: Emergency stop Push Button and Push Button Mechanical Endurance Test Bench

Aim of this project is subjected to Mechanical Endurance test for Emergency stop push Button and Push Button as per customer requirements and generate reports using MS Sql database.

Resources Utilized : Visual Studio 2015(.Net frame work 4.5) , C#, WPF(MVVMlite Framework) , MVVM Architecture, NI card , SQLite 3 Database.

Project Client : ABB
Project Location : Nelamangala

Project Title: Nut Runner Test Bench

Aim of this project is subjected to Screwing of MCCB Trip unit screws, Top cover Screws, main unit screws by using cleco controller through wifi connection from cleco.

Resources Utilized : Visual Studio 2015(.Net frame work 4.5) , C#, WPF(MVVMlite Framework) , MVVM Architecture, NI card , SQLite 3 Database

Project Client : ABB
Project Location : Nelamangala
Project Duration : 3 months

Project Title: Tmax-XT1 HV Test Bench

Aim of this project is high voltage is applied sequentially across various points in the MCCB.

Resources Utilized : Visual Studio 2015(.Net framework 4.5) , C#, WPF(MVVMlite Framework) , MVVM Architecture, NI card , SQLite 3 Database.

Project Client : ABB
Project Location : Nelamangala
Project Duration : 3 months

Project Title: Bhabhatron-II (Digital Telecobalt Unit)

Aim of this project is to treat Cancer patients based on Cobalt 60 radioisotope.

Resources Utilized : Visual Studio 2017 .Net framework 4.7.2, C#, WPF(Prism Framework) , MVVM Architecture, WCF, MS Sql database.

Project Type : Production
Project Location : Bangalore
Project Duration : R & D based

Project Title: Imagin (Digital Radiotherapy Simulator with CBCT)

Aim of this project is ideal device for simulation and verification of treatment plans prior to treatment. (Imagin acts as an essential tool for every radiotherapy center by providing simulation solution for both linear accelerators and cobalt units with its variable SAD of 80-100 cm.)

Resources Utilized : Visual Studio 2017 .Net framework 4.7.2, C#, WPF(Prism Framework) ,

MVVM Architecture, WCF, MS Sql database.

Project Type : R & D
Project Location :Bangalore
Project Duration : R & D based

Project Title: Siddharth-II (SBRT enabled Linear Accelerator)

Aim of this project is to treat cancer patients and develop IGRT based 3D Conformal Radiotherapy (3D-CRT), Intensity Modulated Radiotherapy (IMRT), Volumetric Modulated Arc Therapy (VMAT) and Stereotactic Body Radiotherapy (SBRT).

Resources Utilized : Visual Studio 2017 .Net framework 4.7.2, C#, WPF(Prism Framework) , MVVM Architecture, WCF, MS Sql database.

Project Type : R & D
Project Location :Bangalore
Project Duration : R & D based

Project Title: Bhabhatron-3I (IGRT Gamma Beam Therapy Unit)

Aim of this project is to treat cancer patients and develop IGRT based 3D Conformal Radiotherapy (3D-CRT), Intensity Modulated Radiotherapy (IMRT), Volumetric Modulated Arc Therapy (VMAT).

Resources Utilized : Visual Studio 2017 .Net framework 4.7.2, C#, WPF(Prism Framework) , MVVM Architecture, WCF, MS Sql database.

Project Type : R & D
Project Location :Bangalore
Project Duration : R & D based

Project Title: Offline Record and verification

Aim of this project is to record patients Data and treatment details for treatment.

Resources Utilized : Visual Studio 2017 .Net framework 4.7.2, C#, WPF(Prism Framework) , MVVM Architecture, WCF, MS Sql database.

Project Type : R & D
Project Location :Bangalore
Project Duration : R & D based

Project Title: Tools Support for Powertrain Embedded Software Development Projects

Aim of this project is to Validation of Code, Module, Specification according to customer requirements.

This project includes 4 sub projects

- a) **“MyEMSET”** Project is allow users to manage the functional validation plans of the appsand Generate reports.

Resources Utilized : Visual Studio 2019 .Net framework 4.6, C#, Windows Forms/Winforms, Web services, Oracle database.

- b) **“Supervisor”** project is used to Create user details and provide access for required user interface to customer according to project version, this project control other projects.

Resources Utilized : Visual Studio 2019 .Net framework 4.7, C#, WPF(Prism Framework) , Web services, Oracle database.

- c) **“EMSET (Engine Management System Engineering Tools)”** is a tool for managing and configuring the development and integration processes of modular engine control software.

- Module management
- Management of business and app delivery cycles
 - Management of nomenclatures
 - Configuration management
- Ordering and delivering code
- The creation of soft

Resources Utilized : Visual Studio 2019 .Net framework 4.7, VB.NET, Web services, Oracle database.

- d) **“NextPCI”** is used to validate specifications with respect to modules.

Resources Utilized : Visual Studio 2019 .Net framework 4.6, C#, WPF(Prism Framework) , MVVM Architecture, Oracle database

Project Type : Production

Project Location : Bangalore

Project Title: REMAC

Aim of this project is a social media applications related to game and for Gamers only, where users can upload photos, videos, their game score achievement so that other people can like, comment, share their uploads, then users can make friends by sending friend request and the most important feature we can record their game (ex, kill time in CS:GO) while playing that is called replay system and application itself create the video of altogether and upload..

Resources Utilized : Visual Studio 2022 , .Net Core 6, C#, WPF(Prism Framework) , MVVM Architecture.

Project Type : R & D

Project Location :Bangalore

Project Duration : R & D based

PERSONAL SKILLS:

- Interest in learning new technologies.
- Good communication Skills.
- To remain focused and motivated to complete task.
- Remarkable speed and efficiency.
- Detail oriented and strong interpersonal skills.
- Ability to work in a team.
- Self-motivated

PERSONAL PROFILE:

Date of Birth : 27.04.1994
Father's Name : Mr. Gangadhar T C
Mother's Name : Mrs. Thanuja H B
Gender : Female
Marital Status : Single
Nationality : Indian
Languages Known : English, Kannada
Hobbies : Listening Music, Drawing
Address : D\O Gangadhar T C,
Thalavarahanahalli(p),
Turuvekere(tq), Tumkur(D),
Karnataka, India

DECLARATION:

The above mentioned all the details are true and correct to the best of my knowledge. If you give a chance in your esteemed concern, I will strive hard to perform well with your valuable direction.

DATE :
PLACE :

(Namitha T G)

