**Hariom**

 **Employer Details:** sanvy@vertonsolutions.com *\\* 214-617-8272

# Professional Summary

* 13+ years of experience as a **.NET Full Stack Developer** with expertise in design, development, and maintenance of **Web-Based** & **Windows-Desktop** Applications using Microsoft .NET related Technologies.
* Strong experience in developing **Web & Windows-Based** smart client applications using **C#, VB.NET**, **ASP.NET Core - MVC, ADO.Net, WPF - MVVM, MAUI, Entity Framework, XAML, XBAP, MVC, AJAX, Data Access Services, WCF, Web API, Rest API, JAVASCRIPT, jQuery, Microservices, Typescript, Angular 15, Blazer, Vue Js, Node.js , React. Js , SQL Server, SSIS, Oracle 11g , Postman** and other technologies on Linux Server.
* Exposure to Develop application using **.Net Core 3.0** and **.NET framework,4.0, 4.5, 4.6 / 6.0 Using IDE as Visual Studio 2010/2012/2012/2017/2019/2022, Used Terraform to deploy Dotnet Application**
* Version Control Tools like **Jira, GitHub, TeamCity** and Other Supporting Tools, **Dot Cover ReSharper, Infragistics, Go Xam, Telerik, Net Services, Elasticsearch** to fetch data.
* Implemented Design Patterns and Best Practices **3 Tier, N-Tier, MVC**. Implemented **MVVM** Pattern using Gala Soft **MVVM Light**, **Repository Pattern**, Event Driven Architecture for **Banking Application, Claims Processing**.
* Knowledge on **Java** and **Python** Languages, MS Power BI, Managed Servers on **AWS**
* Worked on **.NET Core** to build faster, scalable, and reliable applications and good experience in developing **microservices** with **Web API, JSON & XML**, **Docker, Nuget, Kafka, RabbitMQ, PubSub Queue for parallel Asynchronous processing, Redis** for **caching.**
* Have Strong Bug Solving Skills and Good Exposure of Bug **Life Cycle**, **Code Reviews**
* Worked on **SOLID principles**, **Design Patterns**, **Unit Testing with Test Driven Development**, **Authentication**, and **Authorization** with **JWT** based tokens as well as middleware’s, **Logging** and **Exception Handling using NLog**.
* Worked Extensively on **Azure cloud** Concepts like Azure Active Directory, **Azure functions**, **Azure Storage Queues** as well as Azure Web Apps, **Key Vault** and **Azure API Management**, Event Store, EventHub
* Worked and have good understanding of containerization concepts including **Docker** and **Kubernetes**.
* Have good understanding and implemented concepts of **Async - Await**, **Multi-Threading** in .NET Framework and Task based libraries and **Async**/**Await** along with **LINQ**, Event Driven Architecture, Net Services.
* Worked with **SOA Architecture** using **WCF** & **Web services, Data Access Services** in both web and Windows – Desktop Application using JSON, XML and **SOAP**. Experience Integrating **MongoDB** for **NoSQL** Storage
* Experience working with front end technologies like **HTML**, **TypeScript**, **JavaScript**, **jQuery**, **React, Vue** and **CSS**.
* Experience in **SQL server**, **SSIS**, **Oracle**, **MS Access**, **Hadoop**, **NoSQL** and having good efficiency in using Database Connectivity **API's** (ADO.Net) in Client Server and Web. **Redgate** to Monitoring SQL, Database Management.
* Have hands on experience with **ADO.NET** and ORM frameworks like **Entity Framework** and Dapper to perform database interactions from .NET applications and worked with **LINQ** for querying database from C# applications.
* Experience in writing SQL queries, **Stored Procedures**, **Views**, User defined functions (UDF), **Indexes**, **Triggers**, **Views**, **Joins** for databases like **SQL Server 2012/2017/2019** and **Oracle** 11g.
* Worked closely with **DevOps**, **architects** and business teams and created variety of UML diagrams using MS Visio to represent class diagrams, data models, workflows, and use case diagrams as well as architecture diagrams.
* Lead a Team of 4 Developers - a Tester along with the Business Analyst for Design , Development and Deployment of high quality Software
* Created PowerShell scripts for system administration tasks.
* Worked On Health Care, Investment Banking, Engineering Domain, FinTech, Claims Processing, Reconciling, ERP

**Skill Set Overview:**

|  |  |
| --- | --- |
| Technologies and Tools | C#.Net,VB.Net, ADO.NET, WinForms-Desktop, WPF-MVVM, ASP.Net Core, MAUI, ASP.NET MVC, WEBSERVICES, ANGULAR, WCF, AJAX, jQuery, JavaScript, JSON, XPATH, SILVERLIGHT, REST/RESTful WEBAPIs,Python,SQL,Redgate,LINQ ,TypeScript, React.js, Vue.Js, Node.js, XML, HTML5, CSS3, Infragistics Controls, Telerik (Kendo) UI Controls , RAD, Elasticsearch ,Windows Task Schedulers, ReSharper, Dot Cover, Sonar Cube , Tortoise SVN, TFS, PowerShell, Azure logic Apps, Jenkins, JIRA, GITHUB, TeamCity, Redis, Net Services, |
| IDE’s and Debugging Tools | Visual Studio 2022/2019/2017/2015/2012/2010/2008, Azure DevOps, RabbitMQ, Confluence, Kafka, PubSub Queue Telerik Kendo UI, 365/2011, MS Test, Postman, Fiddler, NuGet Server, PowerShell, JIRA, UML, Splunk, MS Office & MS VISIO |
| Cloud Technologies | Microsoft Azure, AWS, Azure PaaS, Key Vault, Terraform |
| Design Patterns | MVC, ASP.NET MVP UI Pattern, Singleton, Dependency Injection, SOLID Principles, Event Driven Architecture, Abstract Pattern & Factory Method Pattern, Microservices. |
| Web Servers | Microsoft IIS server 10.0/8.0/7.5/7.0, IIS Application Server Deployment, Linux Server, Apache server.  |
| Operating systems | Windows 98, Windows XP/NT, Windows 7/10 |
| RDBMS & NoSQL DBs | MS SQL Server 2008/2012/2014/2019/2022, ORACLE 11g,Azure Cosmos DB, NoSQL, Azure SQL Database Design, SSIS, Hadoop , MongoDB, Database Management, MS Power BI |
| Protocols | HTTP, TCP/IP & SOAP, IEC 61850 |
| Version Control | Azure DevOps GIT, MS Visual Source Safe (VSS) & Team Foundation Server, TFS, SVN, TeamCity |
| Reporting Tools | Crystal Reports, iTextSharp, SQL Server Reporting Services (SSRS) and SQL Server Integration Services (SSIS) |
| Methodology | Agile, Scrum (Agile) Methodology, Waterfall |

# Education Details:

* **Bachelors in Technology** from **Jawaharlal Nehru Technological University** in **June 2010**
* Passport Number: **S5077988**

# Work Experience:

* Working as Consultant/Technical Architect at **IEHP** Since **August 2024**
* Worked as Team Lead at **Techwave Consulting India Pvt. Ltd** Since **July 2023 to June 2024**.
* Worked as Lead Software Development Engineer at **General Electrical** Since **April 2019** to **July 2023**.
* Worked as Technical Lead - Consultant at **Microsoft** from **May 2018** to **April 2019**.
* Worked as Member Technical in **Broadridge Financial Solutions** from **Oct 2013** to **May** **2018**
* Worked as Software Development Engineer with **Okda Solutions** from **January 2012** to **October 2013**

 **IEHP (State of California)**  **Duration** : **Aug 2024 – Till Date**

 **Consultant , Texas Hybrid : Rancho Cuca ,California**

* Involved in Technical discussions of Business requirement, Interaction with Business Analysts, Client team and get the understanding of requirement**.** Created and maintained user stories, epics, and sprints in **JIRA**, **GITHUB**
* Developed the application’s based on the requirements using **C#, .NET Core, ASP.Net MVC, Web Api**, **Angular 15**, **React** **Js**, **MongoDB, PubSub Queue, Azure Logic Apps, Azure Functions, Azure Key vault.**
* Developed and optimized search functionality using **Elasticsearch** for scalable, real-time search and analytics applications. Automated log aggregation and alerting in **WISE logs** for proactive issue identification, Claims Processing, enabling early intervention and reducing system downtimes, Staging the environment on **AWS**,

Working with **AWS** EC2, RDS

* Integrated **Elasticsearch** with existing back-end systems to improve data retrieval times by over 40%.
* Designed and implemented containerized **.NET Core** applications using **Docker**, improving development speed and deployment consistency across multiple environments, Tested API Using **Swagger**, **Postman**

**Description:** Inland Empire Health Plan (IEHP) is one of the top 10 largest Medicaid health plans and the largest **Not-For-Profit** Medicare-Medicaid plan in the country, It is a Free and affordable health **insurance** through Medi-Cal, Medicare, Claims Processing and Covered California for Riverside County and San Bernardino County residents. IEHP is strongly encouraging the utilization of telehealth for visits that can be conducted over the phone or via other audiovisual telecommunications. Services provided.

**Secure Web Portal for IEHP Members**, Access Member ID Cards, Change PCP, **Check Referral Status**, Update Contact Information, Access Information Resources,

# CATS (Computer Aided Tendering System) / CIMIC Group (Client) Duration: July 2023 – June 2024 Team Lead, Texas Off Shore: Houston, Texas

* Migrated the Application to **WPF-MVVM from a Win Forms** while Resolving Bugs, and worked on **new enhancements using C#, ADO.NET,** **Event Store,** **SQL**, Database Design
* Design and implemented the requirements to be fully integrated and work seamlessly when enhancing and following **SOLID** principles and **Design Patterns** forthe **Win forms Application**.
* Using **C#**, **Entity Framework**, **ASP.Net Core Web API** Developed the Application with **React** as the UI.
* Working with team of developers and Testers of Team size 4, Responsible for the Deliverables.
* Created and maintained user stories, epics, and sprints in **JIRA**, **GITHUB, Azure DevOps** assuring precise and well-defined project objectives and timeframes for the successful conclusion of**.NET** application development, Used **Redgate** to Monitor **SQL**, **Elasticsearch** to fetch data.
* Created a culture of **Test-Driven Development**, Used **SSIS** Packages and enhanced the team's overall software craftsmanship by mentoring other engineers on the best ways to write efficient mocking frameworks including Unit tests and Spec flow automation tests
* Developed a comprehensive PowerShell script to automate the deployment of web applications, reducing errors and deployment time.

**Description:** CATS (Computer Aided Tendering System) is a system that integrates all phases of the preparation of civil, building, mining, and process tenders. The systems functionality will process a tender through every stage of the estimating process from the initial preparation of schedules and quantities, through the makeup of the direct costs and overheads and mark ups, to the final submission of documents.

CATS is a Computer Aided Tendering System. It is an integrated multi-user application designed to take a tender through every stage of the estimating process from the initial preparation of schedules of quantities,

CATS is a **Windows-Desktop Application** and has been developed and implemented to run on the Microsoft Windows operating system using the Microsoft .NET strategy to deploy the application across Web services and Using **N-Tier Architecture**. The database used is **Microsoft's SQL Server**

# S1Agile / General Electric Duration: September 2022 - July 2023 Lead Dot Net Developer (Architect) , Hyderabad Off Shore: Houston, Texas

* Working on **multiple Tools** for Different Languages **C#.Net, VB.Net, Python, Java**. While using **.Net Core**
* Using **C#, Node**.**Js, TypeScript, Entity Framework, Asp.Net Core MVC, Rest API, WPF, Win forms – MVVM** and

**ReactJs, Vue. Js** for presentation, and **Nuget** for latest References

* Lead a Team of **4 Developer** and **Tester** and **Business Analyst** for the Business Requirements
* we utilized a **microservices** architecture to design and develop a scalable, resilient, and maintainable system. The project involved breaking down the application into **distinct services**, each responsible for a specific business capability. These **microservices** were developed using **.NET Core** and communicated with each other through lightweight protocols such as **HTTP/REST** or **messaging queues for React UI .**
* Integrating **Apache Kafka** for real-time data streaming and event-driven architectures in .NET Core
* Conducted regular code reviews and used **SonarQube** reports to guide refactoring efforts, improving overall code maintainability and performance, Worked closely with **QA** teams to fix defects identified during **UAT**
* Writing **Unit Test** Cases by Covering all the Existing methods, **Test Driven Development**
* **JIRA** and **GIT HUB** were used for Version Controls and Defect Management, **Kubernetes** for Deployment.
* **Azure** **Function,** **Event Hub** were used to Run Jobs at regular intervals. Used **Docker** for containerizing .NET applications and orchestrating **microservices**. Used **Azure** cloud for deploying containerized solutions.
* Integrated **MongoDB** with ASP.NET Core applications to support dynamic, schema-less data storage.
* Conducted unit testing to ensure high **code quality** and **reliability** using **Redgate** for **SQL** , **NoSQL as Db.**
* Application was deployed on **Apache** for **Linux** environment, Developed **SSIS** packages.
* Developed and maintained automation scripts using PowerShell to streamline deployment processes, reducing deployment time by 30%**.**

**Description:** S1 Agile is the truly universal IED engineering tool suite for **MiCOM P40** Agile relays. **All tools** are assembled in a palette for simple entry, with intuitive navigation via a few mouse-clicks. S1 Agile supports all existing **MiCOM P40** Agile ranges including legacy products such as K-series and Modulex and includes a utility for automatic conversion of setting files from previous generations of numerical relays like K-series and MiCOM P20 to the latest P40 Agile models. S1 Agile is presented as “tiles” rather than menu items to provide a more intuitive user experience.

**aView / General Electric** **Duration: July 2021 - September 2022**

**Lead Dot Net Developer (Architect) , Hyderabad**  **Off Shore: Houston, Texas**

* Using **WPF – MVVM** Pattern and **ReactJs** for presentation layer and **Splunk** to search data by using **Nuget** Packages
* **Microservice** Architecture was used to design and Develop resilient and maintainable system, the **microservices** were developed using **.Net Core** and communicated to each other using **Http and Rest** for **React** UI .
* For functional testing, **N-Unit** and **MS Test** were utilized, Scheduled **SSIS** jobs and **Azure** DevOps for Kanban board.
* Proven track record in developing, deploying, overseeing, and debugging Application
* Implemented **SOLID** principles and best practices in software **design patterns** to produce scalable and maintainable code using **NoSQL** . Worked closely with **QA** teams to fix defects identified during **UAT**
* Collaborated with DevOps teams to ensuring seamless deployment of .NET microservices.
* Facilitated information exchange and adherence to **coding standards** by **mentoring junior engineers** and conducting code reviews, Kafka was used for Messaging and Streaming Data.

**Description:** The DS Agile a View Digital Control System incorporates a brand new, state-of-the-art graphical user interface that help users optimally monitor, control, operate and maintain modern electrical substations. The new generation of DS Agile incorporates a new, state-of-the-art user interface that provides holistic and accurate monitoring of the substation for its optimal control, operation and maintenance. Any type of electrical and non- electrical parameters are acquired by using sensors and condition monitoring IEDs across the substation, integrated in the DS Agile database and displayed in the universal interface through fully customizable graphical interface:

# Enervista Flex / General Electric Duration: April 2019 - July 2021 Lead Dot Net Developer , Hyderabad Off Shore: Houston, Texas

* Worked on **multiple Enhancements**, resolved **critical bugs**, Ontime **Delivery**, **Client Issues**
* **Angular** **15** and **TypeScript, Node.js** were used to improve **web apps**, giving both internal and external users responsive and intuitive interfaces while using **NoSQL .** Leveraged **Kafka for** processing large streams of real-time data
* Used **Docker** for containerizing .NET applications and orchestrating **microservices**. Experienced with cloud platforms like Azure for deploying containerized solutions. Application was deployed on **Apache** for **Linux**
* Designed and implemented a **caching** layer using **Redis** to store frequently accessed product details
* Leveraged **MongoDB** aggregation framework to create complex queries for analytics and reporting
* Developed the application using **C#,** **VB.NET**, **MVVM** Architecture and distributed .NET applications using **WPF** **Win Forms** and **Web Forms** – **MVC**, **Azure functions,** **Event Hub** were used to run jobs at regular intervals.
* **RESTful Web API** tested using **POSTMAN** and **Swagger,** used **.Net Core, and Kubernetes for CID/CD.**
* Using **MS Test** and **N Unit**, **unit tests** and automated **integration tests** were created to make sure the applications were robust and dependable, Worked closely with **QA** teams to fix defects identified during **UAT**

**Description:** The Enervista launchpad software is a powerful toolset used for the complete support and management of GE Multiline products. Support application including product software, manuals, and setting files management is used to ensure your important files are kept up-to-date and easily accessible. Site Management will allow you to properly maintain your asset and devices by providing real-time diagnostic data and reports.

# APT Software / Microsoft Duration: May 2018 – Dec 2018 Technical Lead, Hyderabad Off Shore: Seattle, Washington

* Worked as **Individual Contributor**, Worked on Many **enhancements**, created **stored Procedures**, **views, Performance Tuning** resolved **Critical Bugs**
* Conducted **Analysis**, **Design**, and Assembly of **.NET Software** Components, Resolved Issues, defects, and bugs through troubleshooting and tracking, **Azure Function,** Event Hub was used for **Daily Report generation**
* Used **Azure SQL Database** as the primary data storage solution and **Azure DevOps** for CI/CD Pipeline.
* Assisted in **UI design** as per specifications and product requirements, Developed Web applications and services using **C#,** **WPF-MVVM**, **ASP.NET-MVC, WCF, Data Access Services ,Web API, Angular 15**.
* Designed and implemented Logging and Monitoring and Collaborated with testing team to fix bugs and support application, Developed Windows-Desktop Application using **C#** and **WPF – MVVM / Windows Forms**
* Utilized **ASP.NET MVC, C#, JavaScript, jQuery, AJAX, JSON, HTML, Angular 15, ReactJs** for UI development
* Ensured code coverage meets business standards using testing frameworks

**Description:** BDO Audit Process Tool (APT) software evaluates the audit risk in various areas and functions of the business. It directs us towards the major risk areas that must be carefully audited and enables us to complete the audit as efficiently as possible. The benefits of this specially designed Tool include promotes the consistent performance of high quality, effective and efficient audits ensure compliance with the clarified International Standards on Auditing (ISAs) provides scalability of our audit approach and tool to fit all audit engagements.

# Proactive Reconciliation/ Broadridge Financial Solutions Duration: October 2013 - May 2018 Software Development Engineer , Hyderabad Off Shore: Lake Success, New York

* Worked on Multiple enhancements which include all the layers (**UI, DAL, BAL** and developed **WCF services**),
* Created **panels**, **alignment** of **controls** using **grids**, **bindings**, and many other **WPF - MVVM** related stuff. Used **Dot Cover** while implementing **N Unit Test cases**, **Integration test cases** for the coded lines.
* Using **C#,** **ADO.NET, ASP.NET Core MVC**, **LINQ**, **HTML**, **jQuery**, **Angular 15.**
* Worked on **NuGet packages**, **Team city** builds and **pinning** and **promoting**, **TFS labelling**, **Cruise control**, **smoke testing** which are used in the release process to the clients. Handled the release process end to end to deliver the final **MSI** to the clients, Developed test plans and **UAT** scripts based on business requirements
* Developed **Data Access layer** classes using **abstract Design pattern**, Used **enterprise library** for **application logging** and also for the database connection. **RabbitMQ as messaging Platform**
* Worked on the **database Deign , queries**, **joins**, and **Views** , While Using **SQL** and **Oracle** as Databases .
* Worked on many **critical issues** occurring at **UAT** and **client environments**. Used **application logs**, **WCF trace logs**, **database logs**

**Description:** Proactive Reconciliation is a highly specialized enterprise wide Reconciliation solution Used by Banks and Financial institutions to reconcile wide variety of data. Reconciliations are required when 2 (or more) systems produce records that require a comparison. It refers to a process that two sets of records (either Transactions or balances) to make sure they agree. Reconciliation of the transactions & balances in Rec7 is divided into Mapping, Data Loading, Validation and Reconciliation.

# Agastya Agro Chemicals / Okda Solutions Duration: October 2012 – October 2013 Software Development Engineer Hyderabad, India

* Creating of New **UI Screens** , Created **DAL, BAL, Presentation Layer**, Database Design, Data Management
* Creation of Stored **Procedure**, **Views**, **Joins**, **Indexes**, Resolved **Bugs**, **Deployment** at Client location.
* Assisted in the execution of **UAT**, providing support to end-users, and resolving any issues or bugs identified during testing. - Ensured that all functionalities met the business requirements and were approved during **UAT**.
* Utilized **.NET framework** (**4.0**), **C#, ADO.NET, LINQ , OOPS** principles for application development
* Engaged in full **SDLC**: **Analysis**, **Design**, **Programming**, **Testing**, **Deployment**
* Experienced in setting up, configuring, and managing **IIS (Internet Information Services) application servers**, including deployment of web applications, managing application pools, Successfully achieved sign-off on **UAT**

**Description:** Agastya Argo Limited is a Chemical Manufacturer and Marketing of pesticides Formulations for all agricultural crops. The Application is an ERP Tool used to maintain the data of the entire manufactured products, ingredients used in Manufacturing the products and entire data of the organization, Voucher, Purchase Orders, Reports etc.

# Exhibitor Software / Okda Solutions Duration: May 2012 - October 2012 Software Development Engineer Hyderabad, India

* Designing UI Screens, Involved in Creation of DAL, BAL and UI Code Behind for WinForms-Desktop using C#.Net
* Actively participated in Scrum/Agile meetings for project alignment, Gained Exp on Software Development
* Engaged in full **SDLC**: **Analysis**, **Design**, **Programming**, **Testing**, **Deployment**
* Participated in Daily **Scrum** and estimation sessions, Developed test plans and **UAT** scripts based on business requirements, Monitored **UAT** progress, documented feedback, and implemented necessary changes to meet user expectations, Worked closely with **QA** teams to fix defects identified during **UAT** and retested the application.
* Utilized **.NET framework** (**4.0**), **C#, ADO.NET, LINQ, OOPS** principles for application development

**Description:** The Software maintains Daily wages of the company. The various transactions that take place within the company are entered into the software, based on these transactions different service tax is calculated.

# Deccan Infra / Okda Solutions Duration: January 2012 - May 2012 Software Development Engineer Hyderabad, India

* Designing UI Screens, Involved in Creation **of DAL, BAL and UI** Code Behind for **WinForms-Desktop** using **C#.Net**
* Engaged in full **SDLC**: **Analysis**, **Design**, **Programming**, **Testing**, **Deployment**
* Gained hands-on experience in **software development,** Worked closely with **QA** teams to fix defects identified during **UAT**
* Actively participated in Scrum/Agile meetings for project alignment
* Utilized .**NET framework** (**4.0**), **C#, ADO.NET, LINQ, OOPS** principles for application development
* Participated in Daily **Scrum** and estimation sessions

**Description:** Deccan infra is a Resource Planner tool deals with manufacturing, distributing, material management, stock tracking, sales transaction tracking and generating over all reports

in the ledger format and maintaining the annual reports. Deccan Infra is a Centralized application which helps the organization to maintain all various branches at a single environment.