Thanks for vieiwng short glimpse of experinces, for more details please contact me through **[bhavanachowdary.rc@gmail.com,](mailto:bhavanachowdary.rc@gmail.com,)** I would sincerely appreciate any efforts on stepping me into future open opportunities

BHAVANA [ APPLICATION DEVELOPER]

USA| |[bhavanachowdary.rc@gmail.com](mailto:bhavanachowdary.rc@gmail.com)

# PROFESSIONAL PROFILE

Dynamic and Focused Software Engineer having 5+ years of experience in administration, configuration, customization, Development and support on .NET and Salesforce.com platform seeking a Application Developer Role. Academically well-grounded with a master’s in computer science, I bring a blend of theoretical knowledge and hands-on expertise to address diverse technical challenges.

# TECHNICAL SKILLS

JavaScript| HTML5| CSS| Salesforce| Arduino IDE | SQL| Selenium| | AWS | AZURE| Seibel| Apex| Wireshark| Python |C#|C| MATLAB, |windows| Linux/Unix| ubuntu| MySQL| Java| Excel/Numbers/Sheets, |Angular 7+| Node.js, |.NET| ASP.NET| XML| React JS| Visual Studio.NET 2019/2022| Git| Swagger| Jenkins|

# EDUCATION

## MS in Computer and Information Sciences [MSCS]

## University of North Texas, Denton, TX

## Bachelors in Electronics and Communication Engineering

Jawaharlal Nehru Technological University-Kakinada

# PROFESSIONAL EXPERIENCE

**CIBC Bank USA |***.NET Full Stack Developer*  **Illinois, USA**

**Jul 2024 – Present**

## 

* **Involved** in various **phases** of Software Development Life Cycle (**SDLC**) of the application using **C# and .Net Core** like Requirement **gathering**, **Design**, **Analysis** and **Code development**
* Created dynamic, responsive front-end interfaces the rich **UI** using **ASP** **.NET MVC with Razor Syntax, HTMLS**, **CSS 3, Bootstrap, Ajax jQuery, Type script. Angular** enhancing user experiences for banking customers.
* Implemented cloud-based solutions on **Microsoft Azure**, utilizing **Azure Functions**, **App Services**, **Blob Storage**, and **Azure DevOps** for CI/CD pipeline automation
* **Worked** on **developing** stored **procedures**, **functions**, and **triggers** using **SQL** and **T-SQL in MS SQL** Server for fetching the data and binding and used **LINQ** to **SQL** to **query database**.
* Tested **APIs** with tools like **Postman**, and documented them with **Swagger**, for effective integration across the organization

**Takeda Pharmaceuticals International|***.NET Developer* **Illinois, USA**

**Jul 2023 – May 2024**

* **Worked** on **Agile** (**Kanban, Scrum**) participating in daily standup meetings to deliver **updates** to Business team and **Project Manager** following **Software** Development life Cycle (**SDLC**)
* Validated and processed **outbound 834** (Benefit Enrolment & Maintenance) files, ensuring compliance with **HIPAA guidelines** and accurate EDI transactions.
* Built **RESTful API** integrations using **ASP.NET Core** to send **834 files** to external systems,
* Integrated data from **SQL Server** /**Azure SQL** to generate and format **834 Benefit Enrolment & Maintenance files**
* Created **PowerShell** **scripts** for automated **login**, securing data into **Azure** Key Vaults and **dynamically** setting appropriate permissions on **Azure** resource like **Azure SQL.**

**Student Assistant -***Jr Web Developer* **(*UNT)*  Oct 2022 - Jun 2023**

* Development of UI screens using front-end web development tools like **CSS, JavaScript, HTML**.
* Implemented front-end components using react and improved the user experience of Web pages with **AJAX**, **jQuery**.
* Focused on the current-generation Microsoft technologies including cutting-edge **HTML5** development using AngularJS with **ASP.NET Web API & MVC4** in both the C# and .NET languages.
* Solved the coding and technical problems during the project implementation.
* Integrated third-party **APIs** to add new functionalities and enhance user experiences.

Worked on browser compatibility and troubleshooting issues across different web browsers

**Capgemini-*Sky BBH* |***Software Engineer* **Bangalore, India**

**Jun 2021 – Jul 2022**

* Focused on optimizing web page performance by increasing page speed by 20% through optimization techniques like minifying resources, optimizing images and asynchronous loading of **JavaScript** files
* Designed and implemented RESTful APIs using **ASP.NET Web API** to integrate internal systems like bookings, modifications, cancellations for smooth communication and data exchange between front-end and back-end services.
* Integrated JavaScript, jQuery, and AJAX for dynamic, real-time updates and in Sky Italia’s user-facing applications and media content delivery platforms, and applied **ASP.NET validation controls to** reduce errors in reservation data
* Implemented robust security measures in applications using **OAuth** and **JWT**, securing user data and ensuring proper authentication and authorization protocols for Sky Italia's media services.
* Utilized **Swagger** for API documentation and management, providing a clear and interactive interface for testing and integration.
* Utilized Entity Framework for Object-Relational Mapping (ORM) to optimize database interactions

**Capgemini-*Sky Italia* |***Software Engineer*  **Bangalore, India**

**Feb 2021 – Jun 2021**

* Conducted **manual testing** for mobile application across Android, iOS devices, validating functionality, performance, UI.
* Executed test cases, reviewed results, and obtained business approval for **UAT** on **salesforce.com platform**.
* Gained hands-on experience with automation tools, **Selenium WebDriver**, writing simple scripts for **regression testing**.
* Exposure to **Jenkins**, **Cucumber**, version-control tools, and other office tools.
* Hands-on experience in preparing, reviewing, and implementing **Testing Artifacts** & Documents such as Requirement (Analysis & Review), **Test Plan Document**, Test Scenario, Test Case, Test Script, **Requirement Traceability Matrix** (RTM), **Defect Matrices**, Test Metrics, Test Reports, Test Conditions, and Test Data

**Carrefour |***Jr Software Developer* **Hyderabad, India**

**Oct 2019 – Dec 2020**

* Built, maintained .NET applications using **ASP.NET Core, MVC, RESTful APIs**, for CRM integration, retail operations.
* Implemented state management using **NgRx** and **RxJS Observables**, managing application state,and developed custom forms and validation logic using Angular Reactive Forms and Template-Driven Forms.
* Integrated third-party libraries such as **Material-UI, Recharts, Stripe, and React-Leaflet** for viewing sales data, payment gateway and map integrationby embedding within Angular wrapper components.
* Developed serverless workflows using **Azure Functions** and Configured **Azure Application Insights** for monitoring performance, tracking API response times, and troubleshooting production issues in retail applications.
* Conductedcomprehensive unit testing with **XUnit**, and debugging with **NUnit & Visual Studio**, ensuring efficient code.
* Debugging **API failures** and handling **CORS** issues**,** troubleshooting and resolving **React UI issues**.

# PROJECTS & OUTSIDE EXPERINECE

**Security Vulnerability Assessment of WordPress Website, UNT** **2024**

* Assessed WordPress vulnerabilities in 2024 using CVE reports.
* Found CSRF, XSS, SQL injection, and authentication bypass vulnerabilities threatening website integrity and security.
* Vulnerabilities arise from lack of input validation, insufficient nonce validation, and improper sanitization of user inputs.

**American Sign Language Detection Using Inception Model** **2023**

* Developed a CNN-based sign translator application to translate hand movements into English.
* Conducted extensive data preprocessing, including cleaning, augmentation, and normalization.
* Designed a user-friendly interface and ensured high accuracy through rigorous testing and debugging.

**Party Rental Management Application 2023**

* Developed a user-friendly Party Rental Management Application for seamless event planningand rental management
* Conducted usability testing for UI/UX improvements. Addressed UI layout and localization issues on user feedback.
* Implemented localization and colorblindness testing for accessibility.

**Voice Controlled Notice Board with Android Application**  **2020**

* Android app converts spoken commands into text and sends it wirelessly to an Arduino microcontroller.
* The Arduino, programmed with Arduino IDE, receives commands, updates an LED or LCD display accordingly.
* Ideal for advertising, allowing real-time updates to notice boards via voice commands.

# LEADERSHIP, CAMPUS & COMMUNITY INVOLVEMENT

Member of ISF (IETE student forum)  **2018-2019**

Katta Bhavana, Voice Controlled Notice Board Display with Android Application, Feb 2020, 5, IJEAT **2020**

[International Journal of Engineering & Advanced Technology (IJEAT)](https://www.ijeat.org/wp-content/uploads/papers/v9i3/C6356029320.pdf)

# CERTFICATIONS

* Certified on AZ 900: Microsoft Azure Fundamentals, **2021**
* Certified Foundational Level Tester by ISTQB (International Software Testing Qualifications Board) **2021**
* NPTEL Online course on “Control Systems” offered by IITMADRAS **2018**