BHAVANA

Atlanta, GA   bhavanachowdary.rc@gmail.com

PROFESSIONAL PROFILE

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

CORE COMPETENCIES

Critical Thinking | Problem-Solving |Motivated | Time-Management | Creative | Sociable | Flexible | Hustler |

TECHNICAL SKILLS

JavaScript| HTML| CSS| Salesforce| Arduino IDE | SQL| Selenium| | AWS | AZURE| Seibel| Apex| Wireshark| Python |C#|C| MATLAB, Apex, windows, Linux/Unix, ubuntu, MySQL, AZURE, Java, Excel/Numbers/Sheets, Embedded C, MySQL, AngularJS, angular 7+, Node.js, .NET, ASP.NET HTML 5, DHTML, XML, CSS, React JS, Visual Studio.NET 2019

EDUCATION

MS in Computer and Information Sciences [MSCS]   **May 2024**
University of North Texas, Denton, TX   GPA: 3.3
Bachelors in Electronics and Communication Engineering   GPA: 3.8
Jawaharlal Nehru Technological University-Kakinada   **March 2020**

PROFESSIONAL EXPERIENCE

Student Assistant -Web Developer   **Oct 2022 - Dec 2023**

- Development of UI screens using front-end web development tools like CSS, JavaScript, HTML and JQuery.
- Improved the user experience of Web pages by using 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 VB.NET languages.
- Solved the coding and technical problems during the project implementation.
- Created Html Helpers to reduce the amount of tedious typing of HTML tags.
- Used Angular JS as the front-end UI for developing single page application.

CAPGEMINI   **Jun 2021 - Jun 2022**

Software Engineer –Application Developer (Sky Italia)

*B*engaluru, Karnataka

- Worked under agile scrum methodology using Jira ticketing system to log to day-to-day activities.
- Gathered Client requirements, converting them into Technical Specifications and developed Web forms using C# .NET.MVC and WEB API
- Developed ASP.NET MVC 4 application in TDD environment using Microsoft Test as the Testing framework.
- Created new classes in ASP.NET Web API to hold data models.
- Resolving all IT issues that arise during business operations via Java Scripts.
- 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.
- Increased sales force productivity by over 10 percent with configuration management expertise ensuring lower outage levels, cutting into production outages via ongoing maintenance.
- Involved in the Unit testing. Build integration tests for the interfaces.
- Used ASP.NET Validation controls and JavaScript for validating user inputs
- Implemented forms authentication and authorization.
- Used ADO .Net to connect the web forms to data sources such as SQL Server 2008/2008 R2 and XML files for manipulating data in database.
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Software Engineer – Salesforce Tester (Sky BBH)   **Feb 2021-May 2021**

- 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

- Executed test cases, reviewed results, and obtained business approval for UAT.
- Reported defects and collaborated with relevant teams to ensure timely fixes. Conducted regression testing using Selenium IDE and WebDriver.
- Controlled the movement of code into the QA and UA test environment to ensure stability for testing
- Participated in meetings with User Acceptance Testing team to field questions and address issues/defects found by them
- Experience with Test Management and Defect Tracking Tools like Atlassian JIRA.
- Exposure to Jenkins, Cucumber, version-control tools, and other office tools.

Project Intern – Xavem cloud   **Sep 2019-Dec 2020**

- Responsible for managing the project, assigning tasks to respective team members, and coordinating with them to ensure business requirements are met.
- Perform functional testing of SOAP and RESTFUL web services using SOAP UI Tool.
- Designed class diagram and collaboration diagrams using UML.
- Monitored functionalities and system health to preserve stability of web applications
- Designed rich using interface with tech stack HTML, CSS, JavaScript and jQuery.
- Used ADO.NET to perform CRUD operations on the database
- Configured the App.config file for various application settings including trace debug information
- Created Stored Procedures, Views, and Functions to access data in SQL Server 2008.
- Used SOAP Web Services to consume data from a third-party vendor`   .

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.

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)

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**