A blue and white logo with a white star

AI-generated content may be incorrect.

**Bhavana (Application Developer)**

A logo for software testing

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AI-generated content may be incorrect.

(404) 666-6546| bhavanachowdary.rc@gmail.com

**LinkedIn**:  <https://www.linkedin.com/in/bhavana97/>

**PROFESSIONAL SUMMARY**

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

**TECHNICAL SKILLS**

* **Programming Languages**: C#, .NET Core 6+, JavaScript, Python, TypeScript
* **Frameworks**: .Net Framework 4.5/4.0, ASP.NET MVC, Web API, Entity Framework, Blazor, Razor Pages, SPFx, Node.Js
* **Front-End Technologies**: Angular 18/14/12, ReactJs, HTML5, SASS, CSS3, Bootstrap, Tailwind CSS, jQuery, RxJs
* **DB Management**: SQL Server 2019/2022, MySQL, PostgreSQL, MongoDB, Snowflake, UML
* **Cloud/** **ORM Tools:** Entity Framework, LINQ, Microsoft Azure, AWS, Salesforce
* **DevOps & CI/CD**: Azure DevOps, Jenkins, Docker, Kubernetes, GitHub Actions, PowerShell, Terraform
* **Version Control/security:** Git, TFS, SVN, Jira, Octane, OAuth, JWT, ASP.NET Identity, SAML2.0, Coding Standards
* **Testing & Debugging**: XUnit, NUnit, Moq, Postman, Swagger, Splunk, Cypress, Selenium, Crystal Reports, Power BI.
* **Real-Time Communication**: SignalR, RabbitMQ, Azure Service Bus, Kafka.

**WORK EXPERIENCE**

**CIBC Bank USA |***.NET Full Stack Developer*  **Illinois, USA Jul 2024 – Present**

***Responsibilities:***

* Involved in various phases of Software Development Life Cycle (SDLC) of the application using C# and .Net
* Created dynamic, responsive front-end interfaces using ASP.NET MVC, Razor Syntax, Bootstrap, Angular, and TypeScript, enhancing user experience for customer self-service portals.
* Good experience in n - Tier architecture, design patterns (Singleton, Factory, Builder, and Iterator) MVC, MVP, MVVM.
* Developed a live chat application using Node.js, Socket.IO, for bidirectional communication between clients and servers
* Proficient in SSRS and SSIS, including report configuration, user access management, and working with Import/Export Wizard, Package Installation, and SSIS Package Designer.
* Integrated and secured payment gateways in compliance with PCI DSS standards for secure transaction processing.
* Tested APIs with tools like Postman, FastAPI’s built-in OpenAPI, and documented them with Swagger.
* Implemented ETL processes from multiple sources, transforming it for analytics, and loading it into SQL Server using SSIS
* Integrated SQL Server and MongoDB for efficient data management and analytics, and developed stored procedures, triggers, and optimized database performance.
* Leveraged Azure Functions, App Services, and Blob Storage to implement cloud-based solutions for the mortgage system.
* Automated CI/CD pipelines and deployment workflows using Azure DevOps and monitored application performance
* Implemented robust logging, metrics, and alerting strategies using Splunk for issue prevention and system monitoring.
* Developed asynchronous workflows for Event Driven architecture using RabbitMQ for optimized task management
* Experience in developing, analysis, creating Unit tests and implemented, reported consolidated results of (UAT).
* Fixed bugs tracked issues in TFS and used GitHub Copilot for code documentation and Git repository updates.

**Takeda Pharmaceuticals International|***.NET Developer* **Bannockburn, Illinois, USA|Jul 2023 – May 2024 Responsibilities:**

* Worked on Agile (Kanban, Scrum) and delivering updates to Business team, Project Manager following SDLC
* Validated EDI transactions, processed outbound 834 (Benefit Enrolment & Maintenance) files, in compliance with HIPAA
* Developed web applications using MVC, Razor Views, .NET Framework 4.7, and Angular, integrating real-time updates with SignalR and troubleshooting rejected EDI files.
* Built and integrated RESTful APIs using ASP.NET Core, enabling data exchange with external systems, and refactored legacy VB.NET applications & WebForms applications (ASPX, ASMX) to C#, modernizing IT infrastructure.
* Ensured syntax integrity, compliance with HIPAA 834 transaction requirements for seamless processing in production.
* Managed CMS-driven website development using WCMS platform-Sitecore, optimizing content management.
* Built a responsive UI with Blazor WebAssembly where patients choose doctors, check availability, book appointments.
* Customized Microsoft Dynamics 365 CRM, modified forms, views, attributes, and relationships, and designed UI screens using Power Apps, Automateddatasecurity**,** accesscontrol with PowerShell for AWS KMS and Amazon S3 and implemented SharePoint workflows.
* Integrated data from SQL Server /AWS RDS and DynamoDB for NoSQL requirements, to generate and format 834 files.
* Deployed Amazon CloudWatch for tracking system performance, API latencies to monitor hardware resource utilization.
* Involved in CI/CD with AWS CodePipeline and CodeBuild to automate deployment of PowerShell scripts

**Capgemini-*Sky BBH* |***Software Engineer* **Bangalore, India| Jun 2021 – Jul 2022**

**Responsibilities:**

* Gathered, converted client requirements into technical specifications while documenting in Jira under Agile method.
* Integrating interactive React elements like Google Maps API for displaying hotel locations and nearby attractions and integrated JavaScript, jQuery, AJAX for real-time updates in user-facing media applications.
* Developing web forms using C# .NET MVC, Web API and connected using ADO.NET and SQL Server to manipulate data
* 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.
* Optimized database operations with ORM tools Entity Framework, writing complex SQL queries and stored procedures for high-performance content management systems implemented performance tuning for high-traffic content systems
* Improved web page performance by 20% through techniques like resource minification, image optimization, and asynchronous JavaScript loading, applied ASP.NET validation controls
* Integrated OData APIs with Power BI to enable data analysis and visualization, for advanced querying capabilities
* Implemented OAuth and JWT, securing user data and ensuring proper authentication and authorization for Sky Italia.
* Utilized Swagger for API documentation, management, providing a clear, interactive interface for testing and integration.
* Configured TeamCity to trigger automated builds and generate artifacts, which then deployed across Dev, QA, and Prod environments using Octopus Deploy, ensuring consistency and reducing deployment failures.

**Capgemini-*Sky Italia* |***Software Engineer*  **Bangalore, India |Feb 2021 – Jun 2021**

* Increased sales force productivity by over 10 % with configuration management, cutting into production outages.
* Developed and conducted manual testing for mobile application across Android, iOS devices, validating functionality, performance, UI with software testing methodologies like TDD and BDD.
* Executed test cases, reviewed results, obtained business approval for UAT on salesforce.com platform.
* Gained hands-on experience with automation tools, Selenium WebDriver, writing simple scripts for regression testing.
* Proficient in using JMeter for performance and load testing, identifying bottlenecks, optimizing system performance.
* Hands-on experience with Xcode, iOS applications, debugging simple issues, and exploring Swift for basic functionalities.
* Exposure to Jenkins, Cucumber, version-control tools, and other office tools.
* Hands-on experience in preparing, reviewing, and implementing Artifacts like Requirement (Analysis & Review), Test Plan Document, Test Scenario, Test Case, Requirement Traceability Matrix (RTM), Test Metrics, Test Reports, Test data

**Carrefour |***Jr Software Developer* **Hyderabad, India|Oct 2019 – Dec 2020**

**Responsibilities:**

* Worked in a Scrum/Agile environment and built .NET applications using ASP.NET Core, MVC, RESTful APIs, for CRM
* 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 integration by embedding within Angular wrapper components.
* Implemented secure coding practices with OWASP to mitigate SQL injection, XSS for integrating applications with CRM.
* Experience with PowerShell and Batch scripting for automation and system configuration tasks.
* Designed retail software solutions for inventory, order processing, and customer engagement using C# and worked with DevOps team for automated deployments via Azure DevOps & Jenkins.
* Conducted lazy loading of Angular modules, performance tuning using Visual Studio Profiler, Application Insights.
* Developed data processing solutions with SQL Server, SSRS, Entity Framework, and LINQ, optimizing retail analytics.
* 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.
* Implemented NUnit and XUnit for backend validation, while leveraging Jest and Cypress for front-end testing.
* Debugging API failures and handling CORS issues, troubleshooting and resolving React UI issues.

**EDUCATION & CAMPUS COMMUNITY INVOLVEMENT**

* MS in Computer and Information Sciences **(MSCS)** UNT, TX **2022-2024**
* Worked as **Student Assistant**-Jr Web Developer **(UNT) 2023**
* Member of ISF **(IETE student forum)**
* Bhavana K, Voice Controlled Notice Board Display with Android Application, Feb 2020, 5, IJEAT **2020**

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