**Name: Vishal Ch**

**.NET Full Stack Developer**

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**Professional Summary:**

* Over 5+ years of experience in software development, maintenance, support, and testing across various industries including Healthcare, Banking, and Insurance.
* Extensive knowledge of **OOP concepts** and **SOLID principles** to create scalable, maintainable, and testable applications.
* Designed real-time, enterprise-level software solutions using **MVC architecture** and Factory Design Patterns for better modularity and code reuse.
* Hands-on experience developing full-stack applications using **C#, .NET Core/Framework, ASP.NET MVC/Web API, Blazor, and Node.js**.
* Expert in building responsive, modern UIs using **Angular (12+), React, Vue.js, Next.js, Telerik, MudBlazor, JavaScript, TypeScript, HTML5, CSS3,** and **Bootstrap**.
* Developed secure, scalable **REST** and **SOAP APIs/microservices with ASP.NET Core, WCF, using OAuth2, JWT, Azure AD, Okta, and OpenID Connect** for authentication/authorization.
* Skilled in developing cross-platform applications with **.NET MAUI** for seamless deployment across Windows, macOS, Android, and iOS using a unified codebase.
* Integrated distributed messaging systems including **MSMQ, ActiveMQ, RabbitMQ, Apache Kafka,** and **Azure Service Bus** to build decoupled, event-driven architectures.
* Delivered dynamic web applications using **Node.js** with **Express framework, Vue.js,** and **Backbone.js**.
* Strong experience in **relational and NoSQL database design** and **optimization using SQL Server, Oracle, MongoDB,** and **Snowflake**, with tools like **Entity Framework, Dapper, and ADO.NET**.
* Designed ETL packages using **SSIS**, developed enterprise reports with **SSRS**, and built interactive dashboards in **Power BI** for business intelligence needs.
* Expertise in architecting and deploying solutions across **cloud platforms (Azure/AWS)** with **SaaS, PaaS, and IaaS models**, ensuring scalability, security, and performance.
* Implemented cloud-native services in **Microsoft Azure (App Services, Functions, Cosmos DB, Blob Storage, SQL, Service Bus)** and **AWS (EC2, S3, Lambda)**.
* Containerized and deployed services using **Docker and Kubernetes (AKS/EKS),** with **IaC automation through Terraform** and **ARM templates**.
* Configured, deployed, and maintained web applications on IIS, focusing on uptime, performance tuning, and web security standards.
* Ensured high code quality through test automation using **NUnit, xUnit, Selenium, Jest, Karma, Swagger,** and **API testing with Postman**.
* Established **CI/CD pipelines using Azure DevOps, GitHub Actions,** and **Jenkins** to support continuous integration and delivery.
* Automated routine tasks and **deployments via PowerShell scripting** across Windows environments and cloud platforms.
* Proficient in source control systems including **Git, Azure Repos, TFS, Visual Studio, TOAD, and VSS** with proper versioning and branching strategies.
* Contributed to **Agile and DevOps teams, experienced with Scrum, Kanban,** and **Waterfall models,** with active participation in sprint ceremonies, peer reviews, and mentoring sessions.
* Collaborated with distributed teams across the US, India, and Europe with clear documentation, time zone coordination, and project tracking using Jira and Confluence

**Technical Skills:**

**Microsoft Technologies : .NET Framework, ASP.NET, ADO.NET, LINQ**

**Programming Languages: C#, C++, .NET, VB.NET, PYTHON, RAZOR**

**Web Scripting Languages: JavaScript, JSON, JQUERY, CSS, HTML, DHTML**

**Web Technologies: Angular 7+, Angular 17, XML, XAML, Azure, KnockoutJS, RequireJS, AJAX, Web Services,**

 **Boot Strap**

**Database Technologies: SQL Server(Stored Procedure, Triggers, User Defined Functions, Views), MS Access, T-SQL, \ PL/SQL, MySQL, SSMS, MongoDB, Oracle**

**Operating Systems: Windows 2007, Windows 10, Windows Server 2012/2016/2019, Linux, iOS**

**Cloud Technologies: Azure, AWS, GCP**

**Testing Tools: MS-Test, N Unit, Mocking, Visual Studio Unit Test, J Unit, Jasmine**

**Version Controls: VSS, Team Foundation Server(TFS), VSTS, GIT**

**Web Servers: IIS, Nginx, Apache**

**Professional Experience:**

**Client:** **CVS Health**, **TX** **Jul 2023 – Present**

**Role: Sr .Net Full Stack Developer**

**Roles and Responsibilities:**

* Engineered responsive healthcare applications using **Blazor, Angular, .NET 8, C#, TypeScript, HTML, CSS,** and **Bootstrap**, supporting digital pharmacy and member platforms.
* Integrated **MudBlazor** and **Telerik** for enhanced cross-platform UX across web, WinForms, and WPF (XAML) applications.
* Built and deployed a mobile app using **.NET MAUI** and **Xamarin** to support cross-device access to medication services, notifications, and account tools.
* Designed and consumed RESTful APIs following **OpenAPI/Swagger standards**, enabling secure and scalable microservices communication.
* Implemented **Kafka** for real-time prescription processing and asynchronous system events.
* Modeled relational data structures using **SQL Server, Entity Framework,** and **Dapper** to improve data consistency and query performance.
* Leveraged **Azure Cosmos DB** and **PostgreSQL within Azure API Management** and **App Services** for cloud-native microservices.
* Integrated Azure services including **Logic Apps, Key Vault, App Insights, Function Apps**, and Cosmos DB to extend platform capabilities.
* Implemented CI/CD pipelines in Azure DevOps, and containerized deployments using Docker and AKS (Azure Kubernetes Service).
* Used Redis for caching and in-memory data storage, optimizing API response time and system throughput.
* Delivered analytics and ETL pipelines with SSIS, and built executive reporting using **SSRS and Power BI**.
* Ensured HIPAA-compliant application security via input validation, encryption, and RBAC enforcement.
* Automated **batch processing and infrastructure checks** using **PowerShell scripting**.
* Developed and maintained unit/integration tests using NUnit and xUnit, enforcing test coverage through TDD practices.
* Demonstrated quick adaptation to evolving frameworks and Azure services to meet enterprise healthcare delivery goals.

**Client: Capital One, McLean, VA Aug 2022 – Jun 2023**

**Role: Senior .NET Developer**

**Roles and Responsibilities:**

* Actively contributed to agile product teams, participating in backlog refinement, iteration planning, and daily scrums to ensure timely delivery of secure, scalable banking features.
* Engineered backend services and API integrations using **ASP.NET Core, C#, and SQL Server** to support high-throughput financial applications.
* Built user-centric interfaces with **React.js, JavaScript, HTML5, and CSS3**, emphasizing component modularity, responsiveness, and accessibility.
* Designed secure, standards-compliant RESTful APIs with **JWT** and **OAuth2** authentication to ensure proper access controls and service interoperability.
* Delivered AWS-based solutions using **EC2, Lambda,** and **S3**, incorporating infrastructure best practices for high availability and fault tolerance.
* Developed and tuned **T-SQL queries, views,** and **stored procedures** to optimize performance for data-driven features and analytics workflows.
* Supported microservice deployment strategies using **AWS Elastic Beanstalk** and **Azure App Services** to maintain independently deployable services.
* Implemented **CRUD functionalities** with Entity Framework leveraging both Code First and Database First approaches to support legacy and greenfield systems.
* Automated delivery pipelines with **Azure DevOps** and **GitHub Actions**, introducing build validations, automated testing, and environment-based deployments.
* Contributed to quality assurance by **writing robust unit** and **integration tests** using **NUnit** and applying test-driven development practices.
* Used **Kafka-based messaging** for asynchronous communication between microservices and to enable event-driven workflows where required.
* Maintained codebase integrity and release traceability through version control and task management tools like **TFS** and **Git**, supporting cross-team coordination.

**Client: Tata Aig general insurance Company, India** **May 2019** – **Jul 2022**

**Role: .Net Developer**

**Roles and Responsibilities:**

* Followed the Waterfall methodology to manage structured insurance system development, with clearly defined phases for requirements gathering, design, development, testing, and deployment.
* Developed and maintained web-based agent and policy servicing portals using **Angular, HTML5, CSS3, and Bootstrap** for branch-level and remote access.
* Built scalable backend services with **ASP.NET Core Web API and C#,** integrating secure REST/WCF APIs to enable real-time policy management and claims updates.
* Designed desktop modules in **WPF and WinForms** for internal use cases such as agent onboarding, premium collection tracking, and customer KYC validation.
* Maintained and enhanced legacy systems written in **VB.NET and C++** to support core insurance policy lifecycle processing.
* Optimized database interactions in **SQL Server** and **Oracle** by implementing efficient stored procedures and improving indexing strategies.
* Enabled API validation and documentation through **Swagger** and **Postman**, and ensured reliability with test automation using **NUnit, Jest,** and **Selenium**.
* Deployed internal applications to **Azure with containerization via Docker** and managed **microservice orchestration using Kubernetes (EKS)**.
* Created PowerShell scripts and integrated Log4Net for monitoring and automated deployment across development and QA environments.
* Managed version control and **CI/CD pipelines through Git, Azure Repos, TFS, and Azure DevOps**.

**Education**:

Master’s in computer science from CampbellsvilleUniversity