**Name: Utkarsh**

**Email: shivani@apextgi.com**

**Contact Number: 732-964-1315**

**SUMMARY: -**

* Over the course of my 17+ year career as an IT Professional, I have amassed a wealth of experience in various critical aspects of software development. My expertise lies in the comprehensive lifecycle of software creation, from initial design and development through to meticulous coding, rigorous testing, and ultimately delivering top-notch business and commercial applications
* My proficiency in **C#** across different versions **(ranging from 1.0 to 11.0), VB.Net, and ASP.Net** spans across a wide spectrum of programming languages and technologies, demonstrating a versatile skill set that is pivotal in developing robust and innovative software solutions.
* In my role as an IT Professional, I have played a pivotal role in the design and development of a diverse array of software solutions, specializing in crafting sophisticated, multi-tier applications that operate seamlessly across both **Windows** and **web-based** environments. Leveraging Microsoft's cutting-edge technologies, including **ASP.NET, .Net Core, C#.NET, VB.NET, SQL Server, Oracle, Web Services, WCF, Web API, .NET Remoting, Windows Services,** and **ADO.NET**, I have consistently delivered innovative and robust software solutions.
* Over a span of 4 years, I have acquired comprehensive expertise in **configuring various aspects of web environments**, including **websites, web applications, virtual directories,** and **FTP sites**. This proficiency has allowed me to effectively manage and optimize the online presence of organizations while ensuring smooth and secure online operations.
* With an extensive career spanning over 12+ years, I have amassed invaluable expertise in the intricate art of designing, developing, and seamlessly implementing design patterns within the realm of client/server applications. This expertise spans across both Win Forms and Web Based applications, showcasing my versatility in architecting solutions that cater to varying technological landscapes
* Across a distinguished career of over 15+ years, I have cultivated a deep and profound expertise in the realm of **Object-Oriented Design (OO Design)** by harnessing the power of **C#.NET** and **VB.NET**.
* 9+ years Good Experience in .NET Platform Technologies in both Web & Window Forms using **ASP.NET, C#.NET, ADO.NET, VB.NET, Web Services, .NET Remoting, JavaScript, jQuery, React JS, Redux, XML/XSLT, HTML/5, CSS, DHTML, XAML, and SOAP**.
* With an illustrious career spanning over 9+ years, I have amassed a wealth of expertise in crafting intricate and comprehensive database solutions by adeptly composing **complex stored procedures**, **triggers, views,** and **functions**. My experience underscores a profound understanding of **database architecture**, as well as my ability to design and implement multifaceted data manipulation processes that serve as the backbone of modern applications.
* With an accomplished career spanning over 7+ years, I have cultivated a comprehensive skill set in the realm of report development through the adept utilization of **SSRS** (**SQL Server Reporting Services**) and **Crystal Reports**.
* For more than 7+ years, I have garnered an extensive and well-rounded proficiency in utilizing Team Foundation Server (TFS).
* 4+ months of experience in an architectural role, I have embarked on a focused journey that highlights my commitment to understanding the intricate balance between technology, design, and strategic decision-making.
* 5+ years of experience in **Git**
* With a strong foundation built over 6+ years, I have garnered substantial expertise in utilizing **React** and **Redux**, two foundational technologies that drive the modern landscape of web application development
* 1+ years of experience in **Azure DevOps** to seamlessly connect version control, automated builds, and deployment stages, fostering a cohesive and streamlined workflow. Collaboratively designed and configured CI/CD pipelines to automate code integration, testing, and deployment processes, reducing manual interventions and minimizing the risk of errors.

**TECHNICAL SKILLS:**

**Languages:** VB.Net, C# (1.0/11.0), VB 6, XML, XSLT, JavaScript, VBScript, C, C++.

**Database Management Systems**: SQL server 2005-2019, Oracle 8i, MS Access, My SQL,

Firebird, DTS Packages, SSIS

**GUIs**: Visual Studio 2003-2019, Visual Studio 6.0.

**Reporting Tools:** Crystal Report, SQL Server Reporting Services (SSRS)

**Internal Tools**: ReSharper, Unit Test, Yarn, Webpack 3 & 5, Babel.

**Web Technologies:** .Net Core 3.x/7.x, .Net Framework 1.x/4, ASP.NET, ASP.NET MVC, AJAX, HTML/5, WCF, SOAP, WSDL, MVC, SMTP, Web API

**Scripting Languages:** React, Redux, Angular 2/4, VBScript, JavaScript, CSS, DHTML, jQuery, Node, NPM

**Concepts:** DLL, Active X, COM, COM+ and DCOM, MSMQ, SOA, Microservices.

**Methodologies:** OOAD, UML

**Version Control:** GitHub, Visual Source Safe, PVCS, Team Foundation Server (TFS), TortoiseSVN

**EXPERIENCE: -**

**State of PA-DOH** Harrisburg, PA

.Net Developer/Architect/Application DeveloperAugust 2023 to Present

**Organized Camp-Admin Site (Intranet)**: Admin site provides registered campsites related details (Camp Site, Owner, Camp facilities) for State’s employees only.

**Organized CampOnline-Registration Portal (Public site)**: Registration portal is for public to register/book camp sites provided by state.

* As a team member, successfully executed project requirements within an **Agile** environment, ensuring the seamless realization of project goals while adhering to Agile methodologies
* Proficiently utilized a diverse array of cutting-edge technologies and programming languages to architect, develop, and deploy robust web applications. Leveraged **ASP.NET MVC, .Net Core, Razor** and **C# .NET** to create a strong foundation that ensured seamless data management, efficient routing, and a structured application flow.
* Demonstrated expertise in front-end development by employing a powerful combination of **Typescript, CSS, JavaScript, jQuery,** and **HTML** to craft dynamic and visually captivating user interfaces.
* Collaborated with cross-functional teams to analyze data requirements and implement **database solutions.** Developed **tables, stored procedures, functions, triggers,** and **views** to encapsulate business logic within the database layer, promoting data consistency and reducing redundancy across the application
* Actively participated in the creation and maintenance of repositories/epics/workitems on **Azure Cloud**.
* Integrated an **SMTP** (Simple Mail Transfer Protocol) client to enhance user communication and engagement within the applications I worked on.
* Used **Entity Framework (EF) Core** to streamline and optimize database operations within the application's backend, enhancing efficiency in data retrieval, storage, and manipulation.
* Leveraged **RESTful** **Web API** principles and C# programming language to design and develop robust API endpoints, allowing external applications to access and interact with services.
* Designed user interfaces using **React 17**. Using Reacts component-driven development paradigm, created dynamic and visually appealing Uis.
* Applied **Redux** as a powerful state management.
* Implemented and managed an efficient project maintenance workflow by leveraging **Azure DevOps** for continuous integration, continuous delivery, and version control
* Successfully completed the integration and implementation of the SnapPay online payment gateway within the public-facing website infrastructure. This involved orchestrating the end-to-end integration process, configuring the necessary API endpoints.
* Used **SSIS** for ETL and integrate of data from Oracle to SQL Server database.

**Environment:** C#.Net, Asp.Net Core 6.x/7.x, Razor, EF Core, Web API, SQL Server, .Net 4.x, Visual Studio 2017/2022, HTML5, JavaScript, jQuery, CSS, SMTP, Azure DevOps, SSIS, React 17, Redux.

**AmerisourceBergen/IBM** Conshohocken, PA

.Net Developer/Architect/Application DeveloperJuly 2019 to July 2023

**CC (Command Center):** Amerisource Bergen's eCommerce platform that deals with distribution of specialty drugs from manufactures to end pharmacies/hospitals.

**Web7(ASD/OSC/Besse)**

web7 is Amerisource Bergen's eCommerce platform that deals with distribution of specialty drugs from manufactures to end pharmacies/hospitals.

**CenTrack:** Transportation Dashboard

* As a team member, successfully executed project requirements within an **Agile** environment, ensuring the seamless realization of project goals while adhering to Agile methodologies
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* Demonstrated expertise in front-end development by employing a powerful combination of **Typescript, CSS, JavaScript, jQuery,** and **HTML** to craft dynamic and visually captivating user interfaces.
* Collaborated with cross-functional teams to analyze data requirements and implement **database solutions.** Developed **tables, stored procedures, functions, triggers,** and **views** to encapsulate business logic within the database layer, promoting data consistency and reducing redundancy across the application
* Actively participated in the creation and maintenance of repositories on **GitHub**.
* Integrated an **SMTP** (Simple Mail Transfer Protocol) client to enhance user communication and engagement within the applications I worked on.
* Designed and implemented **WCF** services that adhered to service-oriented architecture (SOA) principles, promoting modularization, reusability, and maintainability.
* Designed user interfaces using **React 16** and **17**. Leveraging Designed user interfaces using **React 17**. Using Reacts component-driven development paradigm, I created dynamic and visually appealing Uis.
* Applied **Redux** as a powerful state management.
* Used **Entity Framework (EF) Core** to streamline and optimize database operations within the application's backend, enhancing efficiency in data retrieval, storage, and manipulation.
* Implemented and managed an efficient project maintenance workflow by leveraging **Azure DevOps** for continuous integration, continuous delivery, and version control

**Environment:** C#.Net, ASP.NET MVC, Asp.Net Core 3.x/7, Razor, EF Core, React 16 & 17, Redux, Next.js, SQL Server, .Net 2.x/4.x, Visual Studio 2017, GitHub, HTML5, JavaScript, jQuery, CSS, SMTP, Typescript, WCF, Webpack, Azure DevOps.

**PDI Healthcare** Woodcliff Lake, NJ

Lead .Net DeveloperFeb 2019 to April 2019

PDI information management system (PIMS) includes following features.

**Sales Tracing:** PDI currently receives sales tracing data from different distributors for rebate reconciliation. The Purpose of this page is to give an interface to PDI analyst so that they can see the detail sales summary of each distributor. This page will help analyst to understand the overall performance of distributors.

**Master Data:** PDI currently get all the end user account information from sales tracing file.

**Contract Management:** PDI currently create new contract, modify existing contract, cancel active contract etc. through a third-party tool called Contract Management System (CMS). The purpose of this feature is to give an interface to PDI analyst so that they can add new contract, view pending contract, modify existing contract cancel any active contract etc.

* Successfully executed end-to-end project requirements within an **Agile** development environment, showcasing a strong understanding of Agile principles and methodologies.
* Developed dynamic and user-friendly web interfaces using the **ASP.NET MVC** framework. Designed and implemented responsive front-end components to enhance user experience and accessibility. Collaborated with the design team to translate mockups into functional and visually appealing web pages.
* Leveraged **LINQ** (Language Integrated Query) in **C# .NET** to streamline querying and manipulation of data from various data sources. Developed robust and efficient business logic by employing **C# .NET**, adhering to best coding practices and design patterns.
* Crafted engaging and visually consistent user interfaces by applying **CSS styling** to **HTML** elements. Enhanced interactivity and user experience by integrating **JavaScript** and **jQuery** functionalities for dynamic content updates and form validations.
* Collaborated with database architects, developers, and business analysts to contribute to the data modeling phase of the project lifecycle.
* Collaborated with cross-functional teams to analyze data requirements and implement **database solutions.** Developed **tables, stored procedures, functions, triggers,** and **views** to encapsulate business logic within the database layer, promoting data consistency and reducing redundancy across the application.
* Actively participated in the creation and maintenance of repositories on **GitHub**, allowing for organized storage of code and project assets. Leveraged branching and merging strategies to facilitate parallel development efforts and enable seamless integration of new features, bug fixes, and improvements.

**Environment:** C#.Net, ASP.NET MVC, SQL Server 2017, .Net Core 2.x, Visual Studio 2017, GitHub, LINQ, HTML5, JavaScript, jQuery, CSS, SMTP.

**New York Power Authority** White Plains, NY

.Net Developer/Application EngineerSept 2018 to Jan 2019

***ERMPortal (DevExpress, svg, ASP.Net, VB.Net, C#.Net, SQL Server, jQuery, JavaScript, ChartFx, HTML)***

ERM Portal shows Realtime and historical Data/Reports/Charts of NY state’s different zones. Its live reporting system triggers every 5 minutes.

* Demonstrated expertise in effectively navigating through all phases of projects while strictly adhering to Agile methodologies. Proficiently managed requirements gathering, sprint planning, task execution, iterative development, and sprint reviews, consistently ensuring the timely delivery of high-quality products
* Leveraged my proficiency in **ASP.NET** to design and develop engaging Graphical User Interfaces (GUIs) that enhanced user experiences.
* Leveraged **LINQ** (Language Integrated Query) in **C# .NET** to streamline querying and manipulation of data from various data sources. Developed robust and efficient business logic by employing **C# .NET**, adhering to best coding practices and design patterns.
* Crafted engaging and visually consistent user interfaces by applying **CSS styling** to **HTML** elements. Enhanced interactivity and user experience by integrating **JavaScript** and **jQuery** functionalities for dynamic content updates and form validations.
* Actively collaborated with architects to contribute insights and expertise to the **data modeling process**. By engaging in productive discussions and leveraging my understanding of data structures and requirements, I played a pivotal role in shaping effective data models.
* Collaborated with cross-functional teams to analyze data requirements and implement **database solutions.** Developed **tables, stored procedures, functions, triggers,** and **views** to encapsulate business logic within the database layer, promoting data consistency and reducing redundancy across the application.
* Employed **Team Foundation Server (TFS)** as a powerful source control tool to effectively manage versioning and collaboration within development projects.
* Effectively employed Scalable Vector Graphics (**SVG**) to craft a state map that offers a dynamic and visually engaging representation of geographic data.

**Environment:** C#.Net (6.0) ASP.NET, SQL Server 2017, .Net framework 4.x, Visual Studio 2017, Team Foundation Server, LINQ, HTML5, JavaScript, jQuery, CSS, DevExpress, SMTP.

**ARAMARK** Philadelphia, PA

.Net Developer/Sr. Application EngineerDec 2014 to July 2018

***PRIMAWEB/PRIMAMASTER*** (C#.Net/ASP.Net, Angular 2/4, Visual Studio 2013/2015, SQL Server 2013/2014)

PRIMA Web is a web-based technology solution that creates operating efficiencies and enables fact-based, real-time decisions as menus and production are planned, recipes are scaled and printed, products are ordered and received, and post analysis is conducted.

**PWM** (React JS, Redux, C#.Net/ASP.Net Visual Studio 2015, SQL Server 2014, MVC, WCF, Web API)

PWM: Web-based system for corporate employees to maintain ingredients, recipes, and menus.

* Demonstrated expertise in effectively navigating through all phases of projects while strictly adhering to **Agile methodologies**. Proficiently managed requirements gathering, sprint planning, task execution, iterative development, and sprint reviews, consistently ensuring the timely delivery of high-quality products.
* Played a crucial role in addressing and resolving **production support** issues, showcasing a proactive approach to maintaining system stability and user satisfaction. Swiftly identified the root causes of issues, formulated targeted solutions, and delivered timely patches and fixes, effectively minimizing downtime and maximizing the reliability of the system.
* Leveraged my proficiency in **ASP.NET** to design and develop engaging Graphical User Interfaces (GUIs) that enhanced user experiences.
* Leveraged **LINQ** (Language Integrated Query) in **C# .NET** to streamline querying and manipulation of data from various data sources. Developed robust and efficient business logic by employing **C# .NET**, adhering to best coding practices and design patterns.
* Actively collaborated with architects to contribute insights and expertise to the **data modeling process**. By engaging in productive discussions and leveraging my understanding of data structures and requirements, I played a pivotal role in shaping effective data models.
* Proficiently harnessed a comprehensive set of web development tools and technologies, including **CSS, JavaScript, jQuery, React JS, Redux, HTML, Angular 2/4, Node.js,** and **NPM**. Skillfully utilizing this diverse tech stack, I successfully crafted dynamic and interactive web applications that seamlessly merged aesthetics with functionality
* Applied **Redux** as a powerful state management solution to effectively handle the complexities of data flow and state synchronization within my applications. By integrating Redux into the architecture of my projects, I adhered to the unidirectional data flow pattern, which ensures a clear and traceable path for data changes
* Implemented the Model-View-Controller (MVC) architectural patterns throughout the application development lifecycle. By carefully separating concerns and responsibilities into distinct components, I ensured the maintainability and scalability of the software.
* Spearheaded the creation of robust and efficient web services utilizing both **Windows Communication Foundation (WCF)** and **Web API** technologies. By meticulously designing and implementing these services, I facilitated seamless data exchange and information dissemination. These web services acted as a bridge between different components, allowing for easy access to critical details while ensuring data security and integrity.
* Collaborated with cross-functional teams to analyze data requirements and implement **database solutions.** Developed **tables, stored procedures, functions, triggers,** and **views** to encapsulate business logic within the database layer, promoting data consistency and reducing redundancy across the application.
* Employed **Team Foundation Server (TFS)** as a powerful source control tool to effectively manage versioning and collaboration within development projects.
* Leveraged **ReSharper** as a critical tool in my development workflow, employing its advanced features for code inspections, refactoring, rapid navigation, and coding assistance. By integrating ReSharper into my coding routine, I systematically improved code quality and maintainability.
* Proficiently utilized **SQL Server Reporting Services (SSRS)** to design, create, and deliver impactful reports that provided essential insights for informed decision-making.
* Demonstrated a proactive and methodical approach to software development by employing a test-driven methodology for coding application components.

**Environment:** C#.Net, ASP.NET, SQL Server 2013/2014. SSRS, .Net framework 4.x, Visual Studio 2013/2015, Visual Studio Code, TFS, Webpack, LINQ, Angular 2/4, React JS, Redux, Yarn, MVC, WCF, Web API.

**TRION A Marsh & McLennan Agency** King of Prussia, PA

.Net ProgrammerJuly 2014 to Nov 2014

***Toolbox/EOL*** (C#.Net/ASP.Net Visual Studio 2008)

Toolbox is a setup application used to add companies and parameter setting. This is an application only used in the backend by the tech analyst to configure clients. All settings and parameters will be referenced by the frontend application EOL.

***Destination Website*** (MVC 3.0, C#.Net/ASP.Net Visual Studio 2010)

Trion offer clients the ability to conglomerate benefit, personal health, retirement savings and other pertinent data into a well-designed web “portal” site. This site, labeled a “destination website” (DW) is extremely flexible and customizable and intelligently displays the available information to the end user.

***VB Portal/VB Connect*** (MVC 3.0, C#.Net/ASP.Net Visual Studio 2010)

Voluntary Benefit Portal is for LabCorp, works same as Destination Website.

**Environment:** C#.Net, ASP.NET, MVC Patterns, SQL Server 2005/2008., .Net framework 3.0/3.5, Visual Studio 2008/2010, MVC 3, TortoiseSVN, ReSharper, LINQ.

**Vertex/Anexinet** Wayne, PA

.Net DeveloperDec 2013 to June 2014

***VertexSMB*** (C#.Net, Visual Studio 2012)

VertexSMB is centric web portal through which customers can subscribe to, configure and manage the service offering. Key areas of the system are onboarding, configuration, continuous processing, account management, support and alerting. This work effort involves development of numerous application “sub-systems” including VPAY and integration with external systems.

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* Developed dynamic and user-friendly web interfaces using the **ASP.NET MVC** framework. Designed and implemented responsive front-end components to enhance user experience and accessibility. Collaborated with the design team to translate mockups into functional and visually appealing web pages.
* Leveraged **LINQ** (Language Integrated Query) in **C# .NET** to streamline querying and manipulation of data from various data sources. Developed robust and efficient business logic by employing **C# .NET**, adhering to best coding practices and design patterns.
* I harnessed the power of Entity Framework in conjunction with **T4 templates** to streamline database deployment and automate the creation of **Entity Framework (EF)** classes.
* I have harnessed the trio of **CSS, JavaScript,** and **Knockout.js** to craft captivating and interactive HTML pages that deliver exceptional user experiences.
* Collaborated with cross-functional teams to analyze data requirements and implement **database solutions.** Developed **tables, stored procedures, functions, triggers,** and **views** to encapsulate business logic within the database layer, promoting data consistency and reducing redundancy across the application.
* I have leveraged **TFS** and **TortoiseSVN** to establish a robust and structured version control system
* I have consistently integrated **Unit Testing** into my development process as a powerful tool to perform thorough testing and meticulous debugging.

**Environment:** C#.Net, ASP.NET, MVC Patterns, LocalDB, SQL Server 2012., .Net framework 4.0, Visual Studio 2012, MVC 4, TFS,TortoiseSVN**,** Entity Framework, Unit Test, Knockout-js, Web API.

**CDI Corporation** Philadelphia, PA

.Net Developer/ArchitectAugust 2013 to Dec 2013

***Account Reconciliation*** (C#.Net Visual Studio 2010)

Account Reconciliation is an application which transfers files to/from local server and web server using PowerShell and WinSCP scripts.

***DIS (Date Integration Service)*** (MVC 4.0, C#.Net/ASP.Net Visual Studio 2012, Web API -REST Service)

File transmitting (Transfer to Outgoing and Transfer to Bank) by .Net framework. Using SSH.Net library. Logs and scheduler run using NLog, Elmah, and Quartz libraries. Used Entity Framework for data base (SQL Server) transactions (Creating transaction Logs/records.)

***CDIAuthenicationFactory*** (MVC 4.0, C#.Net/ASP.Net Visual Studio 2012)

General Authentication library for different types of Authentications. OAuth, Form Authentication, SQL Server, Oracle, HTTP Authentication, Membership Authentication.

**Environment:** C#.Net, ASP.NET, MVC Patterns, SQL Server 2010/2012., .Net framework 4.0, Visual Studio 2010/2012, MVC 4, TFS, Entity Framework, Unit Test, Moq, NLog, Quartz, Elmah, Web API, REST Service, JIRA, Unit Test.

**TRION A Marsh & McLennan Agency** King of Prussia, PA

.Net ProgrammerJune 2011 to July 2013

**Environment:** C#.Net, ASP.NET, MVC Patterns, SQL Server 2005/2008., .Net framework 3.0/3.5, Visual Studio 2008/2010, MVC 3, TortoiseSVN, ReSharper, LINQ.

**ARI FLEET** Mt. Laurel, NJ

Net Developer Sept 10 to May 2011

***Virtual Garage*** *(ARI Garage Maintenance System)*

***ARI insights®***

**Environment:** VB.Net, C#.Net, ASP.NET, MVC Patterns, Oracle.DataAccess, Web Service, TelerikRadControls, Oracle 10g, .Net framework 3.5, Visual Studio 2008, MVC, Excel.

**CREDIT AGRICOLE - ALTERNATIVE ASSET MANAGEMENT/AMUNDI**  Chicago, IL

**ALTERNATIVE INVESTMENTS SERVICES**- Sept 09 to Aug 10

Developer

*QUANTSHEETS (investment team)*

*ATOO (Commercial team, Compliance team, Investment team, Client servicing…)*

*NRD tool (Client Servicing)*

**Environment:** VB.Net, C#.Net, SQL Server 2005, Windows XP Pro, Visual Studio 2008, Primavera 6, Team Foundation Server, Excel, PDF, Crystal Reports 2008.

**CNA INSURANCE** Chicago, IL

*Project:* ***VIVA***April 08 to Aug 09

**Environment:** C#.Net, SQL Server 2005, Windows XP Pro, Visual Studio 2008, PVCS, InstallShield, Excel, Crystal Reports 11.

**HI-MAK PROCESS CONTROLS** - India

Programmer/Analyst/.NET ArchitectMarch 07 to March 08

*Project:* *Inventory Management*

**Environment****:** VB.Net, Visual Studio .Net 2003, ADO.Net, SQL Server 2000, MS Project, Windows 2000 Server.

**FORTE INTERACTIVE PVT,** – India

Programmer/Analyst/.NET Architect June 06 to Feb 07

*Project: Enterprise Resource Planning*

**Environment:** VB.Net, Visual Studio .Net 2001, Crystal Report 8, ADO.Net, SQL Server 2000, Windows XP.

**SCUBE TECH**– India

Programmer/Analyst/.NET Architect DEC 04 to May 06

*Project: Enterprise Resource Planning*

**Environment:** VB.Net, Visual Studio .Net 2001, Crystal Report 8, ADO.Net, SQL Server 2000, Windows XP.

EDUCATION: Bachelor’s in Computer Application -India (2004, Veer Narmad South Gujarat University)