**SUMMARY:**

* Over **10 years** of expertise as **Senior .Net developer** with emphasizing complete mastery over the **Software Development Life Cycle**, focusing on efficiency and quality in software projects.
* Spearheaded module design and development efforts, significantly enhancing system functionalities by employing **.NET 6, ASP.NET MVC, Entity Framework,** and **LINQ** for robust HR systems.
* Highly proficient in **.NET technologies**, leveraging **C# (versions 7.0, 6.0, 3.1, 4.2), ASP.NET Core MVC,** and **ASP.NET MVC** for the creation and maintenance of scalable, high-performance applications.
* Demonstrated comprehensive experience with **LINQ**, facilitating advanced data querying capabilities in software solutions, optimizing data manipulation and retrieval strategies.
* Expertise in **Azure cloud services**, applying **SaaS, PaaS,** and **IaaS** models for versatile application hosting, database management, and deploying scalable cloud solutions.
* Utilized **Azure Blob Storage** for efficient data storage solutions and **Azure Functions** to develop serverless APIs, showcasing advanced cloud-based integration skills.
* Proficient in front-end technologies, employing **HTML, CSS, JavaScript,** and **jQuery** to develop user-friendly interfaces, enhancing user experience and engagement.
* Skilled in **Angular (versions 15 to JS)**, leveraging its capabilities for dynamic web application development and improving client-side interactivity and responsiveness.
* Enhanced user interfaces with **Kendo UI** and **Bootstrap**, focusing on intuitive navigation and aesthetically pleasing designs, thereby increasing user satisfaction and engagement.
* Implemented **JWT tokenization** within security architectures, enhancing authentication processes across HR management systems for secure user access and data protection.
* Established and optimized **Azure DevOps CI/CD pipelines**, streamlining **Git-based workflows** for code deployment, ensuring efficient collaboration and deployment processes.
* Adopted advanced code versioning and **Git branching strategies**, enhancing source code management, team collaboration, and project manageability in a dynamic development environment.
* Integrated external web services via **Web API**, enriching applications with dynamic content retrieval capabilities, leading to richer, more functional user experiences.
* Demonstrated proficiency with **SWAGGER, POSTMAN** for API testing, and version control tools like **TFS** and **GIT**, ensuring high-quality software delivery and efficient team collaboration.
* Utilized **Jenkins** for continuous integration and deployment, alongside **Jira** for agile project management, facilitating a streamlined, efficient development process.
* Led diverse web application projects, applying **ASP.NET MVC, jQuery, AngularJS,** and **Entity Framework**, ensuring project goals were met with high-quality, responsive designs.
* Executed in-depth requirement gathering and analysis, delivering customized software solutions that align perfectly with client needs and project objectives.
* Developed **AngularJS services** for efficient consumption of backend services via **Web API**, enhancing the seamless integration of front-end and back-end systems.
* Designed secure authentication mechanisms using **.NET Framework MVC** and **IIS**, ensuring robust security models for user management and data protection.
* Crafted and managed **SQL Server stored procedures and triggers**, enhancing database functionality and performance, demonstrating advanced database management skills.
* Directed the adoption of **GIT** for version control, facilitating better version tracking, collaboration, and overall project manageability in software development projects.
* Implemented responsive UI designs using **HTML, CSS,** and **JavaScript**, ensuring applications are accessible and engaging across a variety of devices and platforms.
* Participated fully in the software development lifecycle, employing agile methodologies to develop adaptable and scalable solutions across web, client/server, and n-tier architectures.
* Conducted effective database interactions using **ADO.NET**, optimizing data handling and presentation through strategic use of datasets, data readers, and data adapters.
* Applied comprehensive testing, bug fixing, and quality assurance practices, addressing software issues promptly to ensure optimal functionality and reliability in final products

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| * Technologies:
 | HTML5/CSS, JQUERY, JavaScript, Bootstrap, AJAX, ReactJS, NodeJS, Angular 8/10/11/14, WCF, REST API, WEB API, Visual Studio 2017/2019/2022, Postman, Swagger |
| * Frameworks:
 | .NET 7.0/6.0/5.0/3.1/, Entity Framework/EF Core, ADO.NET, ASP.NET MVC Core, ASP.Net MVC |
| * Databases:
 | MS SQL Server 2013/2016/2018, Oracle 11g/12c |
| * Source Control:
 | JIRA, TFS, GIT |
| * Cloud Services:
 | Azure, AWS |

**PROFESSIONAL EXPERIENCE:**

**Metropolitan Police Departement, Washington, DC** *Nov. 2022 - Present*

**Senior.Net Full Stack Developer**

**Project Description:** As a Senior .Net Full Stack Developer, led and contributed to the enhancement and development of the internal HR system and police department's criminal records access feature. This included implementing a Performance Evaluation module, improving security with JWT tokenization, and pioneering a feature for accessing criminal records, all while ensuring the application's high performance, security, and user-friendly interface.

**Responsibilities:**

* Led the design and implementation of a Performance Evaluation module within the HR system using **.NET 6**, showcasing expertise in modern **.NET development**.
* Employed **ASP.NET MVC** for building server-side rendered applications, enhancing module scalability and maintainability.
* Utilized **Entity Framework** for ORM, enabling efficient data manipulation and interaction with the **MS SQL Server** database.
* Integrated **LINQ** for querying databases in a more readable manner, improving code maintainability and database access efficiency.
* Enhanced the user interface with **Kendo UI**, providing a more intuitive and responsive user experience.
* Implemented **JavaScript** and **jQuery** for dynamic content manipulation, enhancing the application's interactivity.
* Leveraged **Ajax** for asynchronous web requests, enabling real-time data updates without page reloads.
* Secured HR Systems Management using **JWT tokenization**, strengthening security and user authentication mechanisms.
* Developed an innovative feature allowing access to criminal records using **Angular 11** and **ASP.NET Core**, demonstrating the ability to work with diverse technology stacks.
* Configured **Azure DevOps CI/CD pipelines** for streamlined and automated code deployments.
* Managed **Git** for version control, ensuring effective team collaboration through branching strategies.
* Integrated external web services to fetch mugshot images via a **Web API** for gun offender profiles, enhancing the system's functionalities.
* Implemented various **Azure services** including App Services for **SaaS, PaaS,** and **IaaS** deployments, along with **SQL Server** hosting on Azure, showcasing cloud computing skills.
* Utilized **Azure Blob Storage** for efficient data storage, demonstrating knowledge in cloud-based storage solutions.
* Developed lightweight, serverless APIs using **Azure Functions**, optimizing the application's scalability and performance.
* Ensured application compatibility and responsiveness across different devices and browsers using **Bootstrap 5.1**.
* Advanced the application's front-end development with **Angular 14/15**, employing the latest frameworks for a cutting-edge user interface.
* Maintained high standards of web design and user experience with **HTML5** and **CSS3**.
* Enhanced application security and performance with **ASP.NET CORE MVC**, focusing on building secure and scalable web applications.
* Utilized **Postman** for API development and testing, ensuring reliable and efficient web service integration.
* Demonstrated proficiency in **C#.NET 7.0**, leveraging the latest language features for efficient and reliable code.
* Employed **Web API** for creating RESTful services, facilitating seamless data exchange between the client-side and server-side.
* Ensured robust application performance and security measures in line with the Metropolitan Police Department's requirements.
* Played a key role in the technical decision-making process, contributing to the adoption of emerging technologies and best practices.
* Provided technical mentorship to junior developers, fostering a culture of learning and continuous improvement within the team.

**Environment:** Visual Studio Code, Ajax, HTML5, CSS3, Angular 14/15, Bootstrap 5.1,

C#.NET 7.0, JavaScript, jQuery, Ajax, Entity Framework Core 7.0, Kendo UI, ASP.NET MVC, ASP.NET CORE MVC,

LINQ, Web API, Postman, Git, and Azure DevOps, MS SQL Server 2016.

**HCL Technologies, Bengaluru, India** *Aug 2016 – Dec 2020*

**Senior Dot Net Full Stack Developer**

**Project Description:** Engaged as a Senior Dot Net Full Stack Developer at HCL Technologies, led and contributed to various projects across Trading Management System, Healthcare, and Payment domains. The role involved extensive collaboration with clients for requirement gathering, solution design, and development using a wide range of technologies including ASP.NET, AngularJS, and Entity Framework. Efforts focused on enhancing web-based applications, ensuring robust back-end services, and facilitating a seamless migration from TFS to Git.

**Responsibilities:**

* Worked as lead developer on multiple projects related to Trading Management System, Healthcare & Payment domains.
* Closely worked with client(s) for requirement gathering, analysis, and providing the desired solution within target timelines to meet sprint goals.
* Enhanced web-based applications utilizing **ASP.NET MVC, AngularJS,** and **jQuery**, focusing on user-friendly interfaces and functionality.
* Developed **AngularJS services** to interact with backend services via **Web API**, ensuring smooth data exchange.
* Crafted, tested, and modified code extensively in **Microsoft.NET environment** including **C#, Web API, WCF Services,** and **AngularJS**.
* Designed authentication mechanisms for **ASP.NET applications** using **MVC patterns** and **IIS security models**, enhancing application security.
* Debugged and improved **ASP.NET, WCF, C#,** and **Web services applications**, ensuring high performance and reliability.
* Implemented responsive web pages using **MVC 5.0, HTML, CSS, JavaScript,** and **AJAX**, improving user engagement and experience.
* Developed **SQL Server 2014 stored procedures** and functions to support backend functionality, particularly for a Patient Portal application.
* Spearheaded the migration from **Tortoise TFS** to **Tortoise GIT**, leading to improved version control practices.
* Utilized **Entity Framework** and **LINQ** for data access layer operations, enhancing application efficiency and maintainability.
* Designed and developed **RESTful services** with **Web API**, facilitating seamless communication between the client-side and server-side.
* Employed **AJAX** and **jQuery** to create dynamic and asynchronous web pages, improving the application's interactivity.
* Managed application security and session management, ensuring secure and stable application performance.
* Incorporated **WPF** and **XAML** for developing rich client applications, demonstrating versatility in client-side technologies.
* Utilized **Visual Studio 2017** for development, leveraging its advanced features for efficient coding and debugging.
* Ensured application scalability and performance through effective use of **ASP.NET Core MVC** and **ASP.NET MVC** patterns.
* Implemented advanced **JavaScript** techniques and libraries to enhance front-end functionalities and user interactions.
* Designed UI/UX with a focus on mobile responsiveness and cross-browser compatibility.
* Conducted code reviews and quality assurance tests, adhering to best practices and coding standards.
* Collaborated with cross-functional teams to ensure alignment with project requirements and objectives.
* Provided technical leadership and mentoring to junior developers, fostering a culture of continuous learning and improvement.
* Integrated **Azure DevOps** for project management and CI/CD pipelines, enhancing team collaboration and code deployment efficiency.
* Engaged in continuous learning to stay updated with the latest trends and technologies in **.NET development**.
* Documented technical specifications and project milestones, ensuring clear communication and documentation standards.

**Environment:** ASP.NET CORE MVC, ASP.NET MVC, ASP.NET 3.5, .NET Framework 3.5, C#.NET, MVC 4.0 architecture, SQL Server 2014 server, Angular JS, AJAX, jQuery, JavaScript, Azure Devops, ASP.Net MVC, Web API, RESTful Services, GIT HUB, IIS7, Visual Studio 2017, WPF, C#.Net, XAML, Webservices, Entity Framework

**AGS PVT Ltd, Hyderabad, India** *May 2013 – Aug 2016*

**.Net Developer**

**Project Description:** At AGS PVT Ltd, engaged as a .Net Developer, was instrumental in designing and developing a comprehensive patient information system application. This role entailed a deep understanding of user requirements, coupled with the development and enhancement of web-based modules for patients and doctors, using a mix of technologies including ASP.NET, C#, JavaScript, and SQL Server. The project spanned across various phases of the software development lifecycle, emphasizing on creating a user-friendly, efficient, and secure application.

**Responsibilities:**

* Responsible for understanding user requirements and designing and developing the patient information system application
* Utilized **JavaScript** for client-side validations, ensuring data integrity and user input validation.
* Implemented **ADO.NET** for seamless database interactions with **SQL Server**, facilitating efficient data operations.
* Employed **ASP.NET server validation controls** to enforce server-side data validation, enhancing application security and reliability.
* Applied **Cascading Style Sheets (CSS)** across the website to maintain a consistent and appealing visual design.
* Developed comprehensive web forms for patient and doctor modules, integrating **ASP.Net server controls** and **validation controls** for enhanced usability.
* Engaged in the full **Software Development Life Cycle (SDLC)**, applying best practices in coding, testing, and deployment.
* Programmed in **C# and ASP.NET**, contributing to both backend logic and frontend interface development.
* Facilitated database interactions and stored procedures using **ADO.NET Dataset, Data Reader, Data Adapter,** and **Data Grid**, ensuring efficient data management.
* Actively participated in the bug-fixing phase during integration testing, addressing issues raised by testing teams to enhance application performance.
* Ensured application scalability and performance through effective database design and query optimization in **SQL Server 2008**.
* Integrated **HTML and CSS with ASP.NET MVC** for developing responsive and interactive web interfaces.
* Maintained application security by implementing robust validation mechanisms both on the client-side and server-side.
* Collaborated with cross-functional teams to align development efforts with project requirements and timelines.
* Utilized **Oracle 11g** for certain data storage requirements, demonstrating flexibility in working with different database systems.
* Participated in code reviews and adhered to coding standards to maintain high-quality codebase.
* Conducted performance tuning and optimization of the application to ensure high responsiveness and efficiency.
* Documented technical specifications and development processes, facilitating knowledge sharing and project documentation.
* Implemented **JavaScript** for advanced validation techniques, including compare validation and regular expression validation.
* Employed **ASP.NET MVC principles** for building modular and scalable web applications.
* Adapted to rapidly changing requirements and new technologies to meet project goals and deadlines.
* Provided technical support and maintenance for the application post-deployment, ensuring continuous operation and user satisfaction.
* Engaged in continuous learning and professional development to stay updated with the latest **.NET technologies** and best practices.
* Developed and tested **SQL stored procedures and functions**, enhancing the application's data processing capabilities.
* Utilized **Visual Studio** for development, leveraging its comprehensive features for efficient coding, debugging, and version control.
* Ensured cross-browser compatibility and mobile responsiveness, enhancing the application's accessibility across various platforms.
* Prioritized application security, implementing measures to protect against SQL injection and other security threats.
* Facilitated user feedback sessions to gather insights and make informed enhancements to the application.
* Implemented efficient error handling and logging mechanisms, improving application stability and troubleshooting capabilities.
* Worked within a team environment, contributing to a collaborative and innovative development culture.

**Environment:** Windows 7, HTML, CSS, ASP.NET, C#, Oracle 11g, ASP.NET MVC, Database SQL SERVER 2008

**EDUCATION:**

**Master’s in Computer Science, Auburn University**  *May 2022*

GPA: 3.67