**NAVEEN KUMAR POKA**

**Senior Full Stack .NET Developer**

[**LinkedIn**](https://www.linkedin.com/in/naveen-dotnet-dev/)

**PROFESSIONAL SUMMARY:**

* Over **10+** years of experience developing, deploying, and maintaining .**NET** applications with expertise in front-end and back-end technologies.
* Experience with **Agile Scrum** and Waterfall and heavy involvement in all phases of **Software Development Life Cycle (SDLC)** such as planning, analysis, design, implementation, testing and maintenance of **Web-Based**, **Client-Server** and **N-tier Architectures**.
* Expertise in Microsoft Technologies including **.NET Framework (2.0/3.0/3.5/4.0/4.5/4.8), ASP.NET Core Razor, MVC Core, .NET Core (1.x/3.1/6), C#, VB.NET, Web API, WCF, WPF, Entity Framework/Core, LINQ, SOAP, REST,** and **Visual Studio (2012/2013/2015/2019/2022).**
* Frontend development expertise in creating rich **UI** designs, single-page applications, and responsive web pages using **JavaScript, jQuery, AJAX, JSON, HTML4/5, XML/XSLT/XHTML, CSS3, Bootstrap, Angular, React.js, Vue.js, Node.js,** and **TypeScript.** Proficient in frameworks and libraries such as **NgRX, RxJs, Angular Router,** and **Angular Material.**
* Extensive experience designing and implementing **RESTful APIs**, **WebAPI**, **GraphQL**, and **gRPC** services to streamline communication across platforms.
* Proficient in application development using architectures such as **Onion Architecture**, **MVC Architecture**, **N-Tier Architecture**, and **Microservices Architecture**.
* In-depth knowledge of cloud platforms, including **Azure (Azure Functions, Logic Apps, App Services, Blob Storage)** and **AWS (Lambda, EC2, S3)**, ensuring seamless integration and high availability of applications.
* Strong background in working with databases like **SQL Server**, **PostgreSQL**, **CosmosDB**, **MySQL**, and **MongoDB**, optimizing performance and maintaining data integrity.
* Proficient in using **ORMs** such as **EF Core**, **EF6**, and **NHibernate** and performing data access with **LINQ** and **ADO.NET** for efficient querying.
* Adept at implementing microservices architecture and event-driven designs, following **SOLID** principles, and applying various design patterns (**Singleton, Factory, Observer**) to ensure scalability and maintainability.
* Experienced in building and deploying **cloud-native applications** focusing on performance optimization and secure development practices.
* Skilled in implementing **CI/CD pipelines** with tools like **Azure DevOps**, **Jenkins**, **Terraform**, and **Docker** to automate deployment and streamline development workflows.
* Automated multiple workflows using **PowerShell**. Involved in writing background jobs using **PowerShell**.
* Strong expertise in real-time communication using **SignalR**, **WebSockets**, and message queues such as **Apache** **Kafka** and **RabbitMQ**.
* Worked with **Node.js** as a backend server technology for making web services calls and proficiency in deploying Web building technologies like **jQuery, JavaScript, ECMAScript (ES6), TypeScript, Gulp.js, JSON, Node.js**
* Experience in API and web service testing with tools like **Postman**, **SOAP** **UI**, and **Swagger** **UI**
* Committed to writing clean, maintainable, and testable code focusing on **Test-Driven Development (TDD)** using **NUnit**, **Selenium**, **XUnit**, and **Moq** for automated testing.
* Familiar with **Agile methodologies**, having worked in **Scrum** teams and collaborating through **Jira, DevOps Boards** and **Confluence** for project management and documentation.
* Expertise in version control tools such as **Git**, **SVN**, and **TFS**.
* Highly collaborative, with a strong ability to work in cross-functional teams and maintain positive working relationships, even in high-pressure environments.
* Expertise in monitoring and logging systems like **ELK Stack**, **Splunk**, **NLog**, and **SeriLog** to ensure the health and performance of deployed applications.
* A proactive problem-solver with a keen eye for identifying and resolving complex technical issues, always striving for continuous improvement and innovation.

**TECHNICAL SKILLS:**

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| **Programming Languages & Frameworks** | C#, ASP.NET Core, ASP.NET MVC, ASP.NET Blazor, Razor Pages, HTML5, CSS (SASS, LESS), Bootstrap, JavaScript, TypeScript, jQuery, React.js, Node.js, VB.NET, XAML, WPF, WinForms, Angular (4/6/9/11/12/14), Vue.js |
| **Web Technologies & APIs** | WebAPI, GraphQL, gRPC, RESTful APIs, SOAP, WSDL |
| **Cloud Platforms** | Azure (Azure Functions, Azure Logic Apps, Azure App Services, Azure Blob Storage, Azure Key Vault, Azure Event Hubs, Azure Active Directory), AWS (EC2, S3, Lambda, ELB, CloudFront) |
| **ORM & Data Access** | EF Core, EF6, NHibernate, ADO.NET, LINQ |
| **DevOps Tools** | Docker, Kubernetes, Azure DevOps, Jenkins, Terraform, ARM Templates, Ansible, NuGet |
| **Message Queues & Event Streaming** | Apache Kafka, RabbitMQ, SignalR, WebSockets |
| **Databases** | SQL Server, CosmosDB, PostgreSQL, MySQL, MongoDB |
| **Data Transformation & Integration** | XML, XSD, XSLT, JSON |
| **Software Architecture & Design Patterns** | Microservices Architecture, Event-Driven Architecture, Inversion of Control (IoC), Dependency Injection (DI), SOLID Principles, Design Patterns (Singleton, Factory, Observer), Middleware, Serverless Architecture |
| **Testing & Quality Assurance** | NUnit, Selenium, XUnit, JEST, Test-Driven Development (TDD), Moq, MSTest |
| **Version Control** | Git, GitHub, BitBucket, TFS |
| **CMS** | Sitecore, WordPress, Joomla |
| **Development Tools** | Visual Studio (2012/2013/2015/2019/2022), MS SQL Server (2016/2017/2019/2022) |
| **Monitoring & Logging** | Splunk, ELK Stack, NLog, SeriLog |
| **Reporting & Business Intelligence** | Crystal Reports, SSRS (SQL Server Reporting Services) |
| **Security & Authentication** | OAuth 2.0, JWT-based Authentication |

**EDUCATION:**

* Masters in Computer Science - Masters in Computer Science - Wichita State University, Wichita, KS, USA.

**WORK EXPERIENCE:**

**Early Warning - Scottsdale, Az | May 2023 - Present**

**Senior .NET Full Stack Developer**

**Roles & Responsibilities:**

* Designed and developed web applications using **C#**, **ASP.NET Core**, and **ASP.NET Blazor**, delivering high-performance, scalable solutions that reduced page load times.
* Created responsive web pages and user interfaces with **React.js, Angular, HTML5, CSS3, SASS, and Bootstrap**, ensuring seamless cross-platform compatibility.
* Led the transition to **Microservices Architecture**, implementing modular, scalable applications with **WebAPI** and **gRPC**, improving system scalability and reducing downtime.
* Integrated **GraphQL APIs** to streamline client-server communication, optimizing data retrieval and minimizing response times.
* Architected **serverless solutions** utilizing **Azure Functions** and **Azure App Services**, reducing infrastructure costs and improving scalability.
* Optimized data storage with **SQL Server** and **CosmosDB**, implementing query performance tuning that improved database efficiency and reduced query processing time.
* Implemented event-driven architecture using **Apache Kafka**, improving real-time data processing and enhancing system responsiveness.
* Leveraged **Azure Blob Storage** for efficient data retrieval and storage, improving application performance and reducing storage costs.
* Applied **Azure Key Vault** to securely store and manage application secrets, ensuring compliance with industry security standards.
* Integrated **Azure Active Directory (AD)** for seamless authentication and user management, ensuring secure application access.
* Developed containerized applications using **Docker** and **Kubernetes**, streamlining deployment processes and enhancing scalability.
* Configured and managedCI/CD pipelinesusing **Azure DevOps, Jenkins, and Git**, automating build, test, and deployment workflows to ensure fast and reliable software delivery.
* Implemented **Infrastructure as Code (IaC)** with **Azure DevOps, ARM Templates, and Ansible**, automating provisioning and improving deployment consistency.
* Spearheaded **ETL processes** and **data migration** strategies to integrate data across systems, ensuring accuracy and smooth transitions.
* Conducted comprehensive unit and integration testing with **NUnit** and **Selenium**, ensuring high-quality code with minimal defects.
* Collaborated within an **Agile framework**, managing projects with **Azure DevOps Boards**, participating in Scrum ceremonies, and delivering software iterations on time.
* Built detailed **Crystal Reports** for business intelligence, enabling stakeholders to make informed, data-driven decisions, resulting in an increase in operational efficiency.
* Monitored system performance using the **ELK Stack** (**Elasticsearch**, **Logstash**, **Kibana**), identifying and resolving issues proactively improving system uptime.
* Automated infrastructure provisioning and deployments using **ARM Templates** and **Ansible**, reducing manual configuration errors and improving deployment speed.
* Developed **XML**, **XSD**, and **XSLT** solutions to enable seamless data transformation and integration across various platforms.
* Enhanced the user experience by integrating responsive design principles, ensuring applications perform well on desktop and mobile devices.
* Optimized backend and front-end performance by refining **WebAPI** services and front-end components with **GraphQL** and **gRPC**, improving load times and enhancing user interaction.
* Ensured secure data transmission by leveraging **Azure Key Vault** for encryption and secrets management, reducing security breaches.
* Worked closely with cross-functional teams in an **Agile environment**, providing solutions that met business requirements and improving development cycles using **Azure DevOps Boards** for tracking progress.

**Environment:** C#, ASP.NET Core, ASP.NET Blazor, Razor Pages, Bootstrap, Microservices Architecture, GraphQL, Azure, Azure DevOps, Azure Pipelines, Azure Boards, SQL Server, CosmosDB, Apache Kafka, Azure Blob Storage, Azure Key Vault, Azure AD, Docker, Kubernetes, Jenkins, Git, NuGet, ETL, NUnit, Selenium, Crystal Reports, ELK Stack, XML, Agile.

**Metropolitan Council - St Paul, MN | October 2021 - April 2023**

**Senior Full Stack .NET Developer**

**Roles & Responsibilities:**

* Developed and maintained enterprise applications for state government services using **.NET Core, C#, and ASP.NET MVC**, ensuring compliance with security and accessibility standards.
* Designed and implemented scalable **RESTful APIs** with **Entity Framework Core (EF Core) and SQL Server/PostgreSQL**, optimizing data processing for citizen service portals.
* Built and enhanced **WPF desktop applications** for case management, licensing systems, and internal government workflows, improving administrative efficiency.
* Developed dynamic front-end applications using **Angular, TypeScript, and Bootstrap**, ensuring seamless and responsive user experience.
* Integrated **Single Sign-On (SSO) and secure authentication** using **OAuth 2.0, Azure AD, and Multi-Factor Authentication (MFA)** to protect sensitive citizen data.
* Automated deployment processes using **Azure DevOps CI/CD pipelines**, reducing release cycle times and ensuring consistent builds across environments.
* Deployed applications on **Azure Cloud Services**, utilizing **Azure App Service, Azure Virtual Machines, Azure Functions, and Azure Logic Apps** to improve backend workflows and scalability.
* Improved system performance by implementing **Azure Cache for Redis**, database indexing, and performance tuning, ensuring high availability and responsiveness.
* Developed real-time communication features using **SignalR and WebSockets**, enhancing user interaction and responsiveness in government applications.
* Created **SSRS and Power BI reports**, delivering actionable insights for state officials and improving data-driven decision-making.
* Ensured high availability and disaster recovery by configuring **Azure Backup, Azure Monitor, and Application Insights**, improving system reliability and reducing downtime.
* Followed **Agile and Scrum methodologies**, collaborating with cross-functional teams to deliver high-quality software solutions within tight deadlines.

**Environment:** .NET Core, C#, ASP.NET MVC, Web API, WPF, WinForms, EF Core, SQL Server, PostgreSQL, Angular, TypeScript, Azure DevOps, OAuth 2.0, Azure AD, SignalR, WebSockets, SSRS, Power BI, Azure App Service, Azure Virtual Machines, Azure Functions, Azure Logic Apps, Azure Monitor, Azure Cache for Redis, Docker, Kubernetes, Agile, Scrum.

**Mastercard, Purchase, NY | January 2020 - September 2021**

**Senior .NET Developer**

**Roles & Responsibilities:**

* Developed and maintained **WPF and WinForms applications** in **C#**, leveraging **.NET Core** and **Entity Framework Core (EF Core)** for seamless data access with **PostgreSQL**.
* Designed and implemented microservices-based **.NET Core APIs**, enabling scalable and modular backend architecture for desktop and web applications.
* Built responsive and interactive **UIs** using **XAML (for WPF)** and **Angular** (for web dashboards), ensuring a seamless user experience across platforms.
* Developed dynamic frontend applications using **Angular, TypeScript, and RxJS**, managing state with **NgRx** and ensuring high performance.
* Integrated **WPF/WinForms applications** with **RESTful APIs** built in **.NET Core**, ensuring efficient communication between desktop and web-based components.
* Automated desktop and web application deployment using **Docker, Kubernetes, and Terraform**, ensuring consistency across environments.
* Implemented real-time communication features using **SignalR and WebSockets**, enabling live updates in both **WPF and Angular applications**.
* Followed **SOLID principles**, applying **Inversion of Control (IoC) and Dependency Injection (DI)** to improve code maintainability and flexibility.
* Developed **custom Middleware components** for logging, error handling, and request/response transformations in **.NET Core APIs**, enhancing maintainability.
* Ensured secure authentication and authorization using **OAuth 2.0, JWT, and Azure Active Directory (AAD)**, safeguarding sensitive data across applications.
* Created interactive reports and dashboards using **SQL Server Reporting Services (SSRS)**, accessible via **Angular-based web interfaces** for business analytics.
* Deployed desktop applications on **Azure Virtual Machines (VMs), Remote Desktop Services (RDS), and Citrix environments**, ensuring seamless remote access.
* Collaborated with **cross-functional teams** using **Agile and Scrum methodologies**, delivering high-quality software solutions within tight deadlines.

**Environment:** C#, .NET Core, WPF, WinForms, EF Core, PostgreSQL, RESTful APIs, Angular, TypeScript, NgRx, SignalR, WebSockets, OAuth 2.0, SSRS, Docker, Kubernetes, Terraform, Azure Virtual Machines, RDS, Citrix, Agile, Scrum.

**Chubb Insurance – Newark, NJ | May 2017 - Dec 2019**

**Full Stack .Net Developer**

**Responsibilities:**

* Developed a User and Provider Application collaborating with managers and involved in all phases of the **Software Development Life Cycle Process** (SDLC): gathering requirements, designing, testing, documenting, and deploying. Participated in daily **SCRUM** calls and daily stand-ups and designing in **AGILE** Development.
* Developed multiple Front-End Components in **Angular** with **HTML5, CSS3, JSON, Bootstrap, Typescript, Angular, and RESTful API.**
* Migrated existing products from classic **ASP** to **C#**, **Asp.net.**
* Implemented Route Guards in **Angular 11**, such as **canActivate, Resolve, canDeactivate** to prevent unauthorized users from accessing resources.
* Created dynamic loading using **Angular Routing, Services, Lazy Loading, Custom Directives**, and **Pipes**.
* Worked with **Angular CLI** for creating, developing, serving, and testing the application.
* Created the backend in **Express MVC** Framework and wrote services in **Node.js** to store and retrieve data from **MongoDB**.
* Modified complex SQL stored procedures to Microservices in .Net Core Framework for better performance.
* Built **Angular** components, **UI**, and services to consume rest services using component-based services provided by **Angular**.
* Used **ADO.NET** for database connectivity and populated back-end data using SQL Server.
* Used Entity Framework to build Models, Controllers and Views.
* Designed User Interface with Razor View Engine, Partial Views, and Bootstrap for Layout View.
* Hosted **ASP.NET Core Web APIs** on **AWS Elastic Beanstalk**, ensuring high availability and scalability.
* Used **AWS RDS (SQL Server)** for efficient relational data storage, implementing indexes and views for performance tuning.
* Developed containerized applications using **Docker** and orchestrated deployments on **AWS ECS (Elastic Container Service)** for seamless scaling.
* Utilized **AWS S3** for storing and retrieving application assets, reducing storage costs.
* Secured authentication and access control with **AWS Cognito**, implementing role-based authorization.
* Configured **AWS CloudWatch Logs** to monitor application performance and troubleshoot issues proactively.
* Integrated **AWS Lambda functions** for serverless execution of background tasks, reducing infrastructure overhead.
* Involved in creating **RESTful API** using **ASP.NET Core** and **C#,** and test API Endpoints using **Postman.**
* Worked on **VB. Net** Security features such as Forms-based Authentication and Role-based Authorization.
* Created indexes and views for performance tuning of retrieval of data.
* Involved in client-side validation using **JavaScript** and **XML**.
* Utilized **Git** and **GitHub** as version control software and used **Jira** for project management.

**Environment:** Visual Studio 2015/2017, C#, ASP. Net, MVC 5, WCF, WPF, Web Forms, Web Services, IIS 8.5, SQL Server 2014, SOLR, TFS 2018/2015, AWS (Elastic Beanstalk, ECS, RDS, S3, Cognito, CloudWatch, Lambda, SharePoint, SSMS, HTML 5, Ajax, jQuery, JavaScript, AngularJS.

**BestBuy, Richfield, Minnesota | May 2016 - April 2017**

**.NET Developer**

**Roles & Responsibilities:**

* Designed and developed scalable web applications using **C#, ASP.NET Core, Razor Pages, and Blazor**, ensuring high-performance, user-friendly interfaces, and seamless functionality.
* Implemented advanced design patterns such as **Singleton, Factory, and Observer**, creating modular and maintainable application architectures.
* Developed interactive front-end features using **React.js, jQuery, Material UI, and CSS**, enhancing user experience and responsiveness.
* Utilized **Entity Framework Core (EF Core)** for efficient **Object-Relational Mapping (ORM)**, optimizing database operations for improved application performance.
* Designed and maintained **relational (SQL Server, MySQL) and NoSQL (MongoDB) databases** for efficient data storage and management.
* Deployed **cloud-based solutions on AWS**, including services like **EC2, S3, Lambda, ELB, and CloudFront**, to improve application scalability and efficiency.
* **Streamlined CI/CD processes** by configuring **Jenkins and Git**, automating build and deployment workflows.
* Facilitated **Agile team collaboration** through active participation in sprint ceremonies (planning, stand-ups, retrospectives) and utilizing tools like **Confluence**.
* Integrated **RabbitMQ and Apache Kafka** for asynchronous communication between application components, improving scalability and reducing bottlenecks.
* Conducted **rigorous unit testing** using **NUnit and MSTest**, ensuring high-quality code and minimizing defects through comprehensive test coverage.
* Enhanced the user experience by ensuring responsive designs and optimizing front-end performance across diverse devices and browsers.
* Built **secure APIs** with **JWT-based authentication** and **OAuth 2.0**, safeguarding sensitive data with token-based authentication mechanisms.
* Improved application efficiency by leveraging **cloud technologies**, focusing on scalability and resource optimization for high-traffic scenarios.

**Environment:**

C#, ASP.NET Core, Razor Pages, Blazor, React.js, jQuery, Material UI, JWT, Entity Framework Core, SQL Server, MySQL, MongoDB, AWS (EC2, S3, Lambda, ELB, CloudFront), Jenkins, Git, RabbitMQ, Apache Kafka, MSTest, NUnit, Agile.

**Credit One Bank, Las Vegas, Nevada | September 2014 - April 2016**

**.NET Developer**

**Roles & Responsibilities:**

* Designed and implemented dynamic web applications using **C#.NET**, **ASP.NET MVC**, and **ASP.NET Web Forms**, ensuring scalable and maintainable code.
* Built responsive front-end interfaces with **JavaScript, HTML, CSS**, and frameworks like **jQuery** and **Vue.js**, enhancing user experience and adhering to modern **UI/UX** design principles.
* Developed and optimized database solutions in **SQL Server**, including creating and managing **stored procedures**, **triggers**, and **views** for efficient data handling.
* **WCF**, **SOAP**, and **WSDL** were utilized to develop and consume web services, ensuring seamless communication between distributed systems.
* Applied **Object-Oriented Programming (OOP)** concepts such as **inheritance**, **polymorphism**, and **encapsulation** to design modular and reusable components.
* Leveraged **ADO.NET** and **LINQ** to handle database connections and queries, streamlining data retrieval and manipulation.
* Debugged and resolved application issues, focusing on **error handling** and **performance tuning** to enhance system reliability and efficiency.
* Utilized **Team Foundation Server (TFS)** for version control and project tracking, ensuring seamless collaboration.
* Created detailed **UML diagrams** and comprehensive **system design documentation**, facilitating clear communication with stakeholders and team members.
* Collaborated effectively with cross-functional teams **(designers, testers, project managers)** to deliver high-quality software solutions.

**Environment:** C#.NET, ASP.NET MVC, ASP.NET Web Forms, JavaScript, HTML, CSS, jQuery, Vue.js, SQL Server, WCF, SOAP, WSDL, ADO.NET, LINQ, Moq, TDD, TFS, NLog, UML.