

Full Stack .NET Developer

Name: Indu K

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PROFESSIONAL SUMMARY:

Accomplished Full Stack .NET Developer with 5 years of experience in designing, developing, and deploying enterprise-grade applications using modern .NET technologies. Adept at building scalable web and desktop applications, microservices, and cloud-native solutions with a strong focus on secure architecture, database optimization, and seamless user experiences. Proven ability to deliver results in Agile environments through effective collaboration and use of cutting-edge tools and practices.

TECHNICAL SKILLS:

Programming Languages: C#, VB.NET, JavaScript, TypeScript, SQL, Python

Frameworks & Libraries: .NET Framework, .NET Core, ASP.NET MVC, Blazor, WPF, LINQ, Entity Framework

Front-End Technologies: ReactJS, Angular (2–13), HTML5, CSS3, Bootstrap, jQuery

Databases: SQL Server, Oracle, MySQL, Azure Cosmos DB

Cloud Platforms: Microsoft Azure (DevOps, Kubernetes, Cognitive Services, HDInsight), AWS (Lambda, Direct Connect)

DevOps & CI/CD Tools: Azure DevOps, Jenkins, Docker, Kubernetes, PowerShell

Reporting Tools: Power BI, SSRS, Crystal Reports

Version Control: Git, TFS, SVN

Web Services: RESTful APIs, SOAP, GraphQL, WCF

PROFESSIONAL EXPERIENCE:

BCBS, Kansas (Remote)

Full Stack .NET Developer | Sep 2023 – Present

- Developed and implemented scalable web and desktop applications using .NET Core 8, ASP.NET MVC, and WPF, focusing on optimizing functionality and user engagement.
- Engineered Azure DevOps CI/CD pipelines and Docker containers to streamline build, test, and deployment processes, drastically reducing manual intervention and deployment time.
- Developed dynamic Single Page Applications (SPAs) using Angular, incorporating advanced state management, lazy loading, and reusable components to enhance application performance.
- Collaborated with data engineers to optimize SQL Server database operations, refining stored procedures, and indexing to boost query performance and data retrieval efficiency.
- Leveraged Azure Cognitive Services to integrate advanced machine learning and AI-based features, including sentiment analysis and real-time data processing, into business workflows.
- Built HIPAA-compliant healthcare applications utilizing FHIR and HL7 standards, ensuring secure data storage and transmission while adhering to regulatory compliance requirements.
- Designed Kafka-based messaging pipelines for microservices, enabling reliable and fault-tolerant data exchange across distributed systems.
- Designed and implemented interactive Power BI dashboards for monitoring key performance indicators and delivering actionable insights to stakeholders.

Environment: .NET Core 8, ASP.NET MVC, Angular, WPF, SQL Server, Azure DevOps, Docker, Kubernetes, Kafka, Power BI, GraphQL, REST APIs, HL7, FHIR

USAA, San Antonio, TX

Full Stack .NET Developer | Jan 2023 – Aug 2023

- Architected microservices-based applications using .NET Core 8, leveraging RESTful APIs and GraphQL for seamless integration with front-end applications.
- Built Angular applications with modular architecture, implementing reusable components, advanced routing techniques, and RxJS observables to handle asynchronous data streams effectively.
- Managed cloud infrastructure on Azure, including automated deployments using DevOps pipelines and Kubernetes for container orchestration and scaling.
- Led the migration of legacy systems to cloud-native platforms, re-engineering functionalities to improve system performance and adaptability to changing business needs.
- Developed and fine-tuned complex SQL Server and Oracle reports using SSRS and Crystal Reports to provide actionable insights into operational data.
- Implemented robust authentication systems using OAuth and JWT, ensuring secure access control and identity management.
- Designed ETL workflows in SSIS to handle large-scale data synchronization and transformation between disparate systems.
- Configured Kubernetes clusters and Helm charts for containerized application deployments, ensuring high availability and fault tolerance.

Environment: .NET Core, Angular, Azure DevOps, Kubernetes, Docker, SQL Server, Oracle, SSRS, Crystal Reports, RESTful APIs, OAuth, JWT

TCS, India

Full Stack .NET Developer / Jul 2019 – Aug 2022

- Developed and deployed responsive web applications using ReactJS and Blazor, integrating complex backend services powered by .NET Core.
- Designed and executed Azure ARM templates to provision cloud infrastructure resources for development and production environments.
- Automated complex data integration workflows using SSIS, improving data consistency and enabling seamless data exchange between systems.
- Created RESTful APIs to support multi-platform integration, providing real-time data services for web and mobile applications.
- Conducted extensive database performance tuning, optimizing indexes, queries, and stored procedures to support high-load enterprise applications.
- Partnered with DevOps teams to implement end-to-end CI/CD pipelines using Azure DevOps, enhancing code quality and deployment speed.
- Developed accessible, responsive user interfaces with ADA compliance to ensure usability across diverse user groups.
- Delivered reusable Blazor components, enabling client-side and server-side rendering with improved application responsiveness.

Environment: ReactJS, Blazor, .NET Core (3.1–8), Azure, SQL Server, Power BI, SSIS, ARM Templates, REST APIs

EDUCATION:

Masters in Information Systems / May 2024

University of Texas at Arlington