# Prem Reddy Kolan

**.NET Developer**

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- ⌕ github.com/prem-reddy-dev/README.md
- ⌕ prem-reddy-dev.github.io/portfolio

## SUMMARY

Accomplished Full Stack .NET Developer with 8+ years of experience building scalable, cloud-native applications using C#, ASP.NET Core, MVC, and Azure. Proven expertise in modernizing enterprise systems, implementing microservices, and delivering robust backend services with SQL Server, Entity Framework, and RESTful APIs. Adept in automating deployments using Azure DevOps CI/CD pipelines and enforcing 80%+ unit test coverage using xUnit and NUnit. Strong communicator experienced in Agile teams, collaborating with stakeholders to align technical solutions with business goals. Industry experience spans insurance, healthcare, finance, and ecommerce, contributing to a strong foundation in regulated and data-driven environments. Dedicated to continuous improvement, cross-team mentorship, and adopting new technologies to deliver high-quality, maintainable software.

## WORK EXPERIENCE

April 2024-Current

**.NET Developer**

- ▥ MOSAIC
- ◎ Omaha, Nebraska

Architected a cloud-native ASP.NET Core MVC platform using Razor and Azure SQL, reducing infrastructure costs by 30%. Migrated legacy applications to .NET 8 using minimal APIs for performance and maintainability. Developed secure RESTful services using JSON, Entity Framework Core, and Azure Functions. Built dynamic, responsive UIs with Razor, Bootstrap, JavaScript, and jQuery following MVVM patterns. Managed secrets and secure file handling with Azure Key Vault and Blob Storage. Maintained CI/CD pipelines in Azure DevOps; ensured high-quality code with unit testing in xUnit and NUnit

February 2022-April 2024

**.NET Developer**

- ▥ Kemper Insurance
- ◎ Chicago, Illinois,

Designed and developed insurance web applications using ASP.NET MVC, Web API, SQL Server, and Angular. Automated data integration workflows with batch jobs and ETL pipelines. Implemented RESTful API integrations using JSON; improved modularity and performance. Created detailed reports using Crystal Reports and SSRS for underwriting and claims processing. Integrated Kafka and MSMQ for scalable inter-service messaging. Supported CI/CD pipeline configuration and security scans using Azure DevOps and SonarQube.

March 2020-July 2021

**.NET Developer**

🏢 Refinitiv

⊙ India

Built a finance analytics dashboard using ASP.NET MVC, AngularJS, and SQL Server. Developed reusable, high-performance UI components with jQuery and Kendo UI. Integrated NoSQL databases (DynamoDB, MongoDB) with RESTful APIs for high-volume processing. Generated actionable business reports via Crystal Reports. Supported deployments and rollouts on AWS Lambda across multiple environments.

September 2018-March 2020

**.NET Developer**

🏢 CVS Pharmacy

⊙ India

June 2017-August 2018

**.NET Developer**

🏢 Askmeguru Technologies

⊙ Hyderabad, India

Built CMS and eCommerce applications using ASP.NET WebForms, SQL Server, jQuery, and AJAX. Implemented dynamic widgets and data-bound UIs using MVVM patterns. Enhanced performance by optimizing SQL queries and backend workflows. Created and maintained business intelligence reports using Crystal Reports.

## EDUCATION

-2023

**Master of Science in Computer Science**

🎓 Lewis University

⊙ Romeoville, Illinois, United States

Master of Science in Computer Science – Lewis University, IL — May 2023

-2017

**Bachelor of Technology in Computer Science**

🎓 Sri Indhu College of Engineering

⊙ Hyderabad, India

Bachelor of Technology in Computer Science – Sri Indhu College of Engineering, Hyderabad — 2017

## SKILLS

jQuery    JSON    REST (Representational State Transfer)    DevOps    Bootstrap    Microsoft C# (C Sharp)

Microsoft ASP.NET (Active Server Page)    Model View Controller    Microsoft Windows Azure    Microsoft SQL Server

ADO.NET Entity Framework    Continuous Deployment/Delivery    NUnit    SQL (Structured Query Language)

JavaScript    Application Programming Interface (API)    AngularJS    React.js    Node.js

Model View ViewModel (MVVM)    Amazon Web Services (AWS)    Docker    PostgreSQL    Oracle    OAuth    Git

Team Foundation Server (TFS)    Mail Services    Microsoft Visual Studio

Microsoft IIS Web Server (Internet Information Services)    Microsoft Message Queue (MSMQ)

Agile Programming Methodologies    Scrum Project Management and Software Development

Test Driven Development (TDD)    Crystal Reports    SQL Server Reporting Services (SSRS)    MongoDB

User Interface/Experience (UI/UX)    Oracle PL-SQL    AJAX (Asynchronous JavaScript and XML)    Microsoft .NET

Financial Analysis    NoSQL    Reporting Dashboards    AWS Lambda    ASP.NET MVC    Unit Test

Continuous Integration    Cloud Architecture    Cost Control    Claims Processing    Apache Kafka

Database Extract Transform and Load (ETL)    Underwriting    Insurance    Web Programming    Reporting Skills

Software Development    Software Design    Performance Management    Business Intelligence    Web Forms

Content Management Systems (CMS)    eCommerce    Performance Tuning/Optimization    Query Optimization

Testing    Continuous Improvement    Mentoring    Scalable System Development    Microservices

Communication Skills    Healthcare    Finance    Technical Delivery    Service Delivery    Cloud Applications

## CERTIFICATIONS

Microsoft Certified: Azure Administrator Associate – 2024

## HONORS & AWARDS

Architected a cloud-native ASP.NET Core MVC platform using Razor and Azure SQL, reducing infrastructure costs by 30%.

Migrated legacy applications to .NET 8 using minimal APIs for performance and maintainability.

Developed secure RESTful services using JSON, Entity Framework Core, and Azure Functions.

Built dynamic, responsive UIs with Razor, Bootstrap, JavaScript, and jQuery following MVVM patterns.

Managed secrets and secure file handling with Azure Key Vault and Blob Storage.

Maintained CI/CD pipelines in Azure DevOps; ensured high-quality code with unit testing in xUnit and NUnit

Designed and developed insurance web applications using ASP.NET MVC, Web API, SQL Server, and Angular.

Automated data integration workflows with batch jobs and ETL pipelines.

Implemented RESTful API integrations using JSON; improved modularity and performance.

Created detailed reports using Crystal Reports and SSRS for underwriting and claims processing.

Integrated Kafka and MSMQ for scalable inter-service messaging.

Supported CI/CD pipeline configuration and security scans using Azure DevOps and SonarQube.

Built a finance analytics dashboard using ASP.NET MVC, AngularJS, and SQL Server.

Developed reusable, high-performance UI components with jQuery and Kendo UI.

Integrated NoSQL databases (DynamoDB, MongoDB) with RESTful APIs for high-volume processing.

Generated actionable business reports via Crystal Reports.

Supported deployments and rollouts on AWS Lambda across multiple environments.

Developed HIPAA-compliant patient data modules using ASP.NET MVC, WebForms, and PL/SQL.

Automated reporting with Crystal Reports and SSRS, streamlining pharmacy operations.

Built responsive frontend components using Razor, jQuery, AJAX, and JavaScript.

Delivered and maintained Web API integrations for external health system connectivity.

Built CMS and eCommerce applications using ASP.NET WebForms, SQL Server, jQuery, and AJAX.

Implemented dynamic widgets and data-bound UIs using MVVM patterns.

Enhanced performance by optimizing SQL queries and backend workflows.

Created and maintained business intelligence reports using Crystal Reports.


**LANGUAGES**

English - Fluent