Pragadeeshraj V

.NET Developer | 3 Years Experience

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Professional Summary

Dedicated and results-driven **.NET Developer** with 3 years of experience in developing **backend, desktop, and hybrid applications** using **.NET 8, .NET Framework, C#, JavaScript, Electron.NET, and SQL**. Strong in building **Windows Services**, **REST APIs**, and **real-time communication** modules using **SignalR**. Skilled in **object-oriented programming (OOP)**, **system design**, **requirements gathering**, and **performance tuning**. Experienced in **background automation**, **application testing**, and **modern desktop deployment** with **silent update mechanisms**. Committed to delivering **clean, maintainable, and high-performing code** in **collaborative agile environments**.

Technical Skills

Languages: C#, SQL, LINQ, JavaScript, HTML, CSS

Frameworks / Platforms: .NET Framework, .NET 8, .NET Core, ASP.NET MVC, Web API

Technologies: Windows Forms, Windows Services, Electron.NET, SignalR, REST APIs, Silent Auto-Update, Deep Linking

Databases: MSSQL, MySQL, SQLite

Tools & Technologies: Visual Studio, Git, Postman, IIS, Entity Framework

Other Skills: OOP, System Design, Code Reviews, Performance Tuning, Application Testing, Bug Fixing, Deployment & Production Support

Professional Experience

- **App Innovation Technology**

DotNet Developer | May 2023 – Present

- Developed cross-platform desktop and backend applications using .NET 8, .NET Framework, and Electron.NET.
- Applied **OOP principles and design patterns** to build scalable and modular systems.
- Built real-time communication modules using SignalR for live UI updates and process synchronization.

- Designed background services for automation, synchronization, and secure data handling.
- Integrated silent auto-update and deep link activation features for smooth application delivery and user onboarding.
- Collaborated with QA and DevOps teams to ensure seamless release management and support.
- Conducted **unit testing, integration testing**, and handled **bug fixing** and maintenance.

- Key Projects:

  - iOS Backup Application (Windows) — Tech: .NET 8, .NET Framework (for Backup Service), Electron.NET, SignalR, C#, MSSQL/SQLite

    - Developed a Windows desktop solution for iOS device backup and restore.
    - Used Electron.NET for modern UI and .NET Framework for backup service handling background operations.
    - Integrated SignalR for real-time communication between UI and background service.
    - Implemented encryption, incremental backups, and database tracking for metadata and logs.

  - Scout – Windows Monitoring Application — Tech: .NET Framework, Windows Services, SQLite, Deep Link, Silent Auto-Update

    - Built a monitoring system to track and manage parole prisoners' activities in the US.
    - Implemented Windows Services for background data collection, alerts, and scheduled synchronization.
    - Added silent auto-update for seamless upgrades and deep link activation for quick setup and registration.
    - Improved reliability through structured logging and modular service architecture.

- **Do365 Technology Pvt. Ltd.**

DotNet Developer | Nov 2022 – Apr 2023

- Designed and developed backend modules for the Inventory Management System using .NET Core and Web API.
- Implemented CRUD operations, authentication, and role-based access controls.
- Optimized SQL queries and API performance for faster data retrieval.
- Built reports and dashboards for real-time inventory analytics.

- Key Project:

    - Inventory Management System — Tech: .NET Core, Web API, MSSQL

        - Developed REST APIs for inventory, supplier, and sales data.
        - Created admin and user modules with secure role-based access.
        - Integrated dashboard reporting for inventory and sales tracking.

Education
Bachelor of Technology (B.Tech) in Information Technology
Sethu institute of Technology, [2022]

Strengths
- Strong **analytical** and **problem-solving** ability
- **Enthusiastic**, **motivated**, and **efficient** team player
- Works well in **cross-functional collaborative environments**
- Adaptable to new frameworks and technologies
- Writes clean, modular, and maintainable code
- Excellent collaboration and communication abilities

Declaration
I hereby declare that the information provided above is true to the best of my knowledge and belief.

Signature: Pragadeeshraj V