SHANTANU RATHOD

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SUMMARY:

Aspiring Junior .NET Developer with hands-on skills in C#, SQL, and web technologies, eager to contribute to building scalable applications using .NET Core and ASP.NET MVC.

TECHNICAL SKILLS:

- **Programming Languages:** Python, C#, SQL,HTML, CSS.
- **Frameworks & Technologies:** .NET Core, ASP.NET MVC, Entity Framework, LINQ.
- **Databases:** Microsoft SQL Server, SQLite.
- **Tools & IDEs:** Visual Studio, Visual Studio Code, Git, GitHub.
- **Cloud Platforms:** Google Cloud Platform (GCP), Amazon Web Services (AWS).
- **Concepts:** SDLC, Object-Oriented Programming (OOP), MVC architecture, CRUD operations.

EXPERIENCE:

IT Intern - Kolhapur Cancer Centre | Apr 2025 - Jul 2025

- **Built a Hospital Revenue Dashboard** using Excel, Power Query, and Power BI to track KPIs such as revenue vs. target, profit margins, and departmental contributions; improved management's decision-making with **20% faster revenue insights**.
- **Designed and documented network architecture** (routers, switches, NVRs, patch panels) within 4 days, resulting in **clearer IT infrastructure mapping** for troubleshooting and scaling.
- **Developed an Intern Management System** using **C#** and **.NET Core** with role-based authentication and real-time analytics; streamlined intern tracking and onboarding, reducing administrative workload by 30%.

PROJECTS:

InternDB - Intern Management System[Link]

- Built a comprehensive intern management system using C# and .NET Core with role-based **authentication and secure** admin access.
- Implemented dashboard with real-time analytics, **CRUD operations** for intern data, and **advanced filtering** by department and status.
- Utilized Entity Framework Core with SQL Server for **optimized database operations** and Blazor Server for responsive UI.
- **Tools & Tech**: C#, .NET Core, Blazor Server, Entity Framework Core, LINQ, SQL Server, Bootstrap.

PlantBuddy – Smart Plant Discovery App [Link]

- Developed a comprehensive **WPF desktop application** using .NET 8 that integrates multiple APIs for plant information and identification.
- Designed an intuitive card-based interface featuring plant discovery, **AI-powered** photo identification, personal collections with search, **gamification** with XP/leveling, and detailed plant information with Wikipedia integration.
- Implemented multi-API integration (Trefle.io, PlantNet, Wikipedia), **async operations**, local **JSON persistence**, image preview/download, export functionality, and **responsive UI** with modern animations.

- **Tools & Tech:** C#, .NET 8 (WPF), REST APIs (Trefle.io, PlantNet, Wikipedia), JSON, Async Programming, XAML UI, Visual Studio, Git.

EDUCATION:

Shivaji University, Kolhapur | B.Tech in Computer Science and Technology | CGPA : 7.32 | 2021-2025
Modern College, Pune | HSC | Percentage : 82.50% | Jun 2021

CERTIFICATIONS:

- Foundational C# with Microsoft [Link]
- Google Cloud Computing Foundations Certificate [Link]
- AWS Cloud Practitioner Essentials [Link]
- Python Fundamentals [Link]