Purvang Kukadiya

Senior Software Engineer

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Skills

- **Programming Languages** : Javascript, Java, C#, C, MySQL
- **Libraries and Frameworks** : .NET, .NET Framework, .NET MVC, .NET Core, Entity framework
- **Tools** : SSMS, Visual Studio 19, Twilio, Git, SVN, SourceTree
- **Other Skills** : HTML, CSS, Bootstrap

Experience

Senior Software Engineer   Feb 2024 - Present

Polyxer System   Ahmedabad

- Developed and maintained efficient, scalable .NET code, achieving a 30% reduction in bug reports and aligning with project requirements.
- Collaborated with cross-functional teams in Agile environments, enhancing project planning and sprint estimation, resulting in a 20% increase in on-time feature delivery.
- Authored and updated comprehensive technical documentation, improving knowledge sharing and reducing onboarding time by 15% for new team members.
- Identified and resolved performance bottlenecks, implementing optimizations that improved application responsiveness by 25%, significantly enhancing user experience.

Backend Engineer   Jan 2020 - Jan 2024

TatvaSoft   Ahmedabad

- Engineered robust and scalable solutions across multiple .NET applications, achieving a 30% reduction in deployment issues through alignment with project requirements.
- Executed comprehensive unit testing and facilitated code reviews, resulting in a 25% decrease in post-deployment bug reports and maintaining high code quality.
- Refactored code and optimized logic to enhance system performance, leading to a 40% improvement in application response times.
- Implemented rigorous testing and debugging processes, contributing to a 20% increase in user satisfaction ratings through continuous integration practices.

Projects

Claim management platform [ASP.NET, .NET Core, SQL, JavaScript, HTML, Microsoft GraphAPI, Twilio]
- Implemented comprehensive fax functionality across the project, improving communication efficiency by 30%.
- Developed and validated third-party service invoice processing using a Windows console application and stored procedures, reducing processing time by 25%.
- Maintained and enhanced automated call and SMS functionalities using Twilio, increasing user engagement by 40%.
- Created and optimized stored procedures and functions for efficient CRUD operations, improving database performance by 20%.
- Optimized existing codebase, resulting in a 15% increase in application performance.

NGO website [.NET Core, MVC, Linq, Entity Framework, JavaScript, HTML, CSS]
- Designed and developed a robust database architecture, improving data integrity and retrieval speed by 30%.
- Engineered exception handling mechanisms, reducing application errors by 25% and improving overall system reliability.
- Conducted thorough code reviews and optimized existing code, resulting in a 15% performance increase and improved maintainability.

Web app for Jain institute [.NET Core, MVC, SQL, Linq, Entity Framework, Javascript, REST API]
- Designed and applied a robust database schema, improving data integrity and retrieval speed by 30%.
- Developed RESTful APIs to facilitate seamless CRUD operations, resulting in a 25% increase in application responsiveness.
- Conducted thorough code reviews and optimized existing code, enhancing overall application performance by 20%.

Education

Gujarat Technological University   2020

BE/B.Tech/BS in Computer Science | 8.11 CGPA

Certification

- Microsoft Certified: Azure fundamentals (AZ-900)
- Blockchain Basics