SHIVA KUMAR PADALA
DotNet Developer

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SUMMARY

4+ years of experience in web application development using Microsoft technologies, I excel in client-server technologies and object-oriented programming within N-tier architecture. I'm proficient in **Agile** and **Waterfall methodologies**, and skilled in **C#.Net, ASP.NET, ADO.Net, Web API, .Net Core**, **MVC5**, and **Entity Framework**. My database expertise includes designing, normalizing, and writing complex **SQL** and **PL/SQL queries**. I effectively manage source code with **SVN, TFS, GitHub**, and have a solid grasp of Web User Controls and Custom Controls. I'm an innovative team player, quick learner, and adapt well to new software technologies.

TECHNICAL SKILLS

Core Languages: C#, VB.NET, ASP.NET, .NET Core, T-SQL
Frameworks & Libraries: .NET Framework, .NET Core, ASP.NET MVC, Web API, Blazor, Entity Framework, LINQ, SignalR
Frontend Technologies: HTML5, CSS3, JavaScript, TypeScript, Angular, ReactJS, jQuery, AJAX, Bootstrap, Razor Pages
Databases & ORM: SQL Server, MySQL, Oracle, PostgreSQL, MongoDB, Entity Framework, Dapper, NHibernate
Data Integration & Reporting: SSIS (SQL Server Integration Services), SSRS (SQL Server Reporting Services), Informatica, Power BI
Web Services & APIs: RESTful APIs, SOAP, WCF, OData, gRPC, WebSockets
Cloud Platforms: Microsoft Azure (App Services, Functions, DevOps, Azure SQL, Logic Apps, Blob Storage), AWS (Lambda, EC2, S3, RDS), Docker, Kubernetes
CI/CD & DevOps Tools: Azure DevOps (Pipelines, Repos), Jenkins, GitLab, TFS, Git, GitHub, Docker, Kubernetes, Terraform, Ansible
Microservices & Architecture: Microservices Architecture, Service-Oriented Architecture (SOA), Event-Driven Architecture, Dependency Injection, CQRS, DDD (Domain-Driven Design)
Testing & Debugging: NUnit, xUnit, Moq, Postman, Swagger, Selenium, Fiddler, Visual Studio Debugging
Version Control: Git, GitHub, Bitbucket, Azure Repos, TFS (Team Foundation Server)
Agile & Methodologies: Agile (Scrum, Kanban), TDD (Test-Driven Development), BDD (Behavior-Driven Development), SDLC
Other Tools & Technologies: Visual Studio, Visual Studio Code, Resharper, JIRA, NuGet, Redis, RabbitMQ, Kafka
Soft Skills: Strong analytical and problem-solving skills, effective communication, collaborative teamwork, attention to detail, adaptability

PROFESSIONAL EXPERIENCE

IBM | OH | *DotNet Developer*   **March 2024 – Present**

- Developed front-end components using **HTML**, **CSS**, **Bootstrap**, **Angular 14**, and **TypeScript**, enhancing the user interface and reducing load times by **30%.**
- Experienced in leveraging **ASP.NET Core** for cross-platform web development, **enabling modern,** cloud-ready applications with enhanced scalability.
- Proficient in **C#** programming language, with expertise in developing robust, scalable applications using the **.NET** framework, ensuring high performance and maintainability.
- Implemented robust **CRUD** functionality with Entity Framework in **ASP.Net MVC**, including advanced sorting, filtering, and paging features, which improved data accessibility and user interaction by **40%.**
- Played a key role in maintaining **Azure** infrastructure, focusing on services such as App Services, **API Management (APIM),** Service Bus, **Azure SQL Database**, and **Azure** Functions, resulting in a **50%** improvement in system scalability and reliability.
- Effectively implemented the **Unit of Work** and **Repository pattern** with Entity Framework (code-first approach) and **LINQ** for the architecture of **Web API,** which enhanced code maintainability and reduced technical debt by **20%.**
- Proficient in integrating **SQL databases** with **.NET frameworks** to enable seamless data operations and application functionality.

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- Successfully implemented **Agile** methodology, leading to a **20%** reduction in project delivery time by efficiently gathering requirements, analyzing, and developing application code, and closely monitoring release cycles.
- Improved data handling capabilities by extensively using **ADO.Net** programming and developing Data Access Layer (**DAL**) classes with **ADO.NET** objects, resulting in a **30%** increase in data retrieval and manipulation efficiency.
- Developed robust application-level code for interaction with APIs and **REST** web services using **WCF**, achieving a **25%** improvement in system interoperability and data exchange.
- Coordinated deployment using **Azure** Pipelines, automating the **CI/CD** process and ensuring **98%** reliability and efficiency in software releases.
- Designed and developed sophisticated views and controllers using **ASP.NET MVC** and **C#,** enhancing application performance and user experience by **40%.**
- Proficient in **MySQL** for **designing, querying**, and **managing** relational databases to support scalable and high-performance applications.
- Skilled in implementing **MVC.NET patterns** for building dynamic and responsive user interfaces with clean separation between **model, view,** and **controller**.

EDUCATION

Master's in Information Systems,
INDIANA TECH, FortWayne, Indiana, USA.

Bachelors in Computer Science and Engineering,
Anurag College of Engineering, Hyderabad, India.