

# SHIVA KUMAR PADALA

## DotNet Developer

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## SUMMARY

**5+ 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.

**Larsen & Toubro | India | DotNet Developer**

**January 2019 - April 2023**

- 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 Institute of Technology, Fort Wayne, Indiana, USA.

**Bachelors in Computer Science and Engineering,**

Anurag College of Engineering, Hyderabad, India.