

Harikrishnan Srithar

Senior .NET & Azure Backend Developer

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PROFESSIONAL SUMMARY:

An Azure .NET Developer with **6 years** of experience in designing and developing enterprise applications. Aspiring to work in a forward-thinking environment to apply expertise in **.NET Core, c#, Web APIs, Azure services**, and cloud-native application development. Skilled in Azure services including **Web Apps, Functions, Data Factory**, and **Logic Apps**, with hands-on expertise in **microservices** and **JWT Bearer authentication**. Proficient in **Agile methodologies**, client interaction, and the end-to-end delivery of scalable and secure solutions.

TECHNICAL SKILLS:

Backend Technologies: C#, .NET Core, ASP.NET Core, Web API, Entity Framework (EF Core), LINQ

Cloud Platform: (Microsoft Azure) Azure Functions, Azure Web Apps, Azure Logic Apps, Azure Data Factory (Pipelines)

Architecture & Design: Microservices Architecture, RESTful APIs, Clean Code, SOLID Principles

Database Technologies: SQL Server, Stored Procedures, Query Optimization, Performance Tuning

Authentication & Authorization: JWT Bearer Token Authentication, Role-Based Access Control (RBAC)

DevOps & Version Control: Azure CI/CD Pipelines, Git, Azure Repos, Bitbucket

Messaging & Integration: Web APIs, JSON, XML, SOAP

Testing & Debugging: Postman, JMeter, Fiddler, SQL Profiler, Xunit, MOQ

Methodologies: Agile, Scrum, Software Development Life Cycle (SDLC)

Frameworks & Versions: .NET 8, C# 12.0, Angular 15

Tools: Visual Studio, Visual Studio Code, JIRA, Azure Boards

PROJECT EXPERIENCE:

Tata Consultancy Services (TCS) – India

IT Analyst | April 2024 – Present

Client: Citibank – Project Tracking System (PTS)

Agentic AI-Driven JIRA Triage Automation System

Working as a POC of an agentic AI pipeline using **Python, NLP models, and Google ADK** to automate JIRA ticket triage and minimize manual intervention. The system intelligently ingests JIRA issues, analyzes their descriptions, and autonomously connects with relevant databases and code repositories to perform initial root cause analysis, generating contextual insights that are automatically added as structured comments in JIRA for faster issue resolution.

- * Re-engineered the Timesheet, Audit trail, Project, and Milestone modules by developing independent Micro APIs using .NET Core, aligned with a **microservices** architecture.
- * Implemented **status code** management and error handling for Web APIs and Angular in the PTS CITI application.
- * Migrated some of validation logic from the UI to the API layer using **fluent validation** for bulk upload initialization during milestone creation and updates.
- * Re-engineered stored procedures and functions in SQL to eliminate cross-schema dependencies for the Audit Trail, Timesheet, Project, and Milestone modules.
- * Implemented request model validation using FluentValidation in Web APIs for Major PTS Modules.
- * Implemented UI **ESLint** Standards & Code CleanUp in Angular Repositories.
- * Created and Maintained unit test cases using **xUnit** and **Moq**, enhancing code coverage and reducing code smells are reported by **SonarQube**

Accenture Solutions Pvt. Ltd. – ATCI

Application Development Analyst | October 2019 – April 2024

Client: Accenture Operations – Demand & Recruitment Management Application

- * Involved in all phases of the Software Development Life Cycle (SDLC), including requirement analysis, design, development, and testing.
- * Designed and developed dynamic web forms for internal applications using ASP.NET with HTML, CSS, C#, VB.NET, and SQL Server.
- * Served as POC for **Workday integration** with Demand and Recruitment management applications using Azure Web Apps and Functions.
- * Implemented integration using Web APIs, Scaffolded Database, LINQ, JSON, and XML.
- * Developed ASP.NET Core Web APIs with **JWT** Bearer token-based authentication for secure access.
- * Managed source control processes, including configuration, branching, merging, and version control using Azure Repos.
- * Revamped legacy APIs by migrating from raw SQL to LINQ and Entity Data Model (EDM) for improved performance and efficiency.
- * Worked on Data Flow and Copy activities in Azure Data Factory using Pipelines, Blob Storage, and Data Lake.
- * Handled Mailers and API Triggers using Azure Logic Apps.
- * Acted as POC for Production deployments using Azure CI/CD Pipelines, Releases, and DB package preparations.

CERTIFICATIONS:

AZ-900 Microsoft Azure Fundamentals | 70-483 Programming in C# | Agile Fundamentals