Sivaprasad.S.R

Senior Software Engineer

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About Me

Dedicated Senior Software Engineer passionate about driving sustainable digital transformation. Skilled in C#, ASP.NET MVC, .NET Core, Azure Cloud, MSSQL, CI/CD, WebAPI, JavaScript, Scrum, Xamarin, Azure DevOps, Terraform, and Agile methodologies. My Azure Developer Associate certification (AZ-204) validates my expertise in building cloud-native applications on Microsoft Azure. Additionally, I've published 8 NuGet packages with a combined download count of over 1.1 lakh, demonstrating my commitment to sharing knowledge and contributing to the developer community.

Technical Skill Set

- **Technologies** : C#, .Net MVC, .Net Core, WCF, Web Service,Web API, Entity Framework, Dapper, Azure Cloud, LINQ, HTML5, Bootstrap, Xamarin, Xamarin.Forms, Terraform, Microsoft Bicep, Azure DevOps, Sonar Qube, Javascript, CSS, Github, TFS, RESTful APIs, Razor, Azure PaaS, Swagger.
- **IDE** : Visual Studio, Visual Code.
- **Plugin used** : Dev Express, Telerik, Kendo UI, Nuget
- **ORM** : Entity Framework, Dapper
- **OS platforms :** Windows 10, Windows 8
- **Database** : Microsoft SQL Server, My SQL, Azure SQL, Azure Storage, PostgreSQL, MongoDB and ORACLE.

Certificates

- ➢ **Microsoft Certified:** Azure Developer Associate (AZ 204)
- ➢ **LinkedIn Learning :** Xamarin.Forms Essential Training
- ➢ **LinkedIn Learning :** Dot Net 6 Deep Dive
- ➢ **LinkedIn Learning :** Managing App Secrets in .NET Core
- ➢ **LinkedIn Learning :** Azure for Developers: API Management

Projects

- ➢ **Nuget Library** :
  Description: I have published eight (8) Nuget Packages which features a collection of packages designed to enhance .NET application development. These packages collectively aim to simplify and enhance various aspects of .NET development, from security and data handling to user interface components. A total of more than one lakh downloads have been achieved so far.
  Technologies : C#, .Net, .Net Core
  Link : https://www.nuget.org/profiles/sr.sivaprasad

- ➢ **DevOps & FinOps Metrics tool** – Web Dashboard.

  Description: A Dashboard oriented application for visualizing the data representation of Azure DevOps data, Data from Azure ADO are collected using azure sdk, transpose the data as required for the calculation of the matrix like Velocity graph, bug Vs Defect, whether a task is completed with in the sprint etc. Also it will collect the CI/CD pipelines data such as whether pipelines have a build policy, sonar scan task is attached etc.. application is also capable of fetching cost related data from azure portal as well it will give alerts to the project owner if the cost exceed the budget.

  Environment: Azure Functions, Azure function Triggers, Power BI, Azure SQL, Azure Blob Storage, Azure table Storage.

  Role : Application Deployments.

- ➢ **Reconciliation tool** – Web Application.

  Description: A tool specifically designed to compare financial data from different sources such as bank statements, general ledgers, and other vendor accounts.

  Environment: ASP.Net, SSRS, SSIS, Azure Web App, Azure SQL, Azure Blob Storage.

  Role : Application Deployments.

- ➢ **Subscription Management tool** – Web Application.

  Description: A collection of Web API which helps to manage the third party applications's subscription. This application is capable of handling a large number of concurrent users and process the purchase of the subscription.

  Environment: .Net core, Web Api, Azure Web App, Azure Function App, Azure Queue triggers, Azure Service Bus Queue, Azure API Management, Azure SQL, Azure SQL, Terrafom

  Role : Application Deployments.

- ➢ **Google Custom Search** - Web Application

  Description: A customer based search engine that would provide the customer with only the specified results. The clients can specify the websites to be searched with the specified keywords. The different reports will be generated based on the customer requirements.

  Technologies : C#, Asp MVC5, Knockout JS, Azure scheduler, Bootstrap, Azure Web Services, SQL Server

  Role: Project planning, Development and Testing

- ➢ **ERP For School / College Management** - Desktop and Web Application

  Description: A complete desktop and web application for the smooth running and managing the student and the employees in a school/college. In this application there are student management modules, fees management, exam management, library management, hostel management etc.. and in the case of employee section, salary management, attendance etc can be managed. Apart from this there is SMS integration, email integration and many more add-ons are available.

  Technologies : Asp MVC 5, C# 6, Web api,Windows Application, Azure Web Service, Azure Notification Hub, Azure VM, Azure Webjobs, Azure File Storage, Xamarin Forms. .Net ASP MVC,Razor, Javascript, Dev Express. TFE, Git, MS SQL Server, Azure SQL, Microsoft Bicep.

Role: Project planning, Architecture Designing, Database Designing, Stored procedure writing, Development and Testing.

➢ **WizNucleus** - Web Application.
Description : A complete cloud based application hosted in azure vm and Azure services , to identify and assess the software vulnerabilities on critical hardware. The application also includes suggestion of appropriate protection intents and controls to mitigate the vulnerability
Technologies : Azure Functions, Azure function Triggers, Azure SQL, Azure Storage.
Role : Technical advising, Prototyping, Application Deployments.

➢ **Queue Management for Guinnes World Record -** Windows Form Application
Description: It's a client-server based windows form application developed for the Guinness World Record event management which is held at different places in india. The software is developed as per the Guinness World Record guidelines for counting the total number of candidates taking part in the event. The application itself can create the entry pass for the event.
Technologies : C#, Windows .Forms, MSSQL
Role: Project planning, Architecture Designing, Designing, Development.and Testing

➢ **Money Management** - Web Application
Description: A web application which reminds the money remitted by the clients in different periods. Reminders can be created according to days, weekly, monthly and yearly with many combinations.
Technologies : Asp.Net C#, MVC5, Knockout JS, Bootstrap, Azure Web Services, SQL Server
Role: Development and Testing

➢ **Ping my app** - Web Application
Description: A web application for checking whether a website is working or not. By providing the website url this application will ping the url and store whether it is down or on-air. If the application is down it will send an email alert to the contact person.
Technologies : Asp.Net C#, MVC5, Knockout JS, Azure scheduler, Bootstrap, Azure Web Services, SQL Server
Role: Architecture Designing, Development and Testing

➢ **Brewers Insights** - Web Application.
Description : A cloud based application hosted in azure, which documents all details of the brews in the brewery . It's a multi-tenant application.
Technologies : Azure Functions, Azure function Triggers, Azure SQL, Azure Storage.
Role : Developing, Implementing logic and Bug Fixing

➢ **Investment calculator -** Cross platform application
Description: It's a cross-platform mobile application which is developed in Xamarin.Forms, the application calculates the amount to be invented for getting the amount after a period of time. In

this calculator there are Retirement, College and the Investment Calculator. Each predicts the amount to be invested according to the present financial status.

Technologies : C#, Xamarin , Xamarin.Forms, Xamarin.Android, Xamarin.iOS

Role: Project planning, Development.

➢ **LMS (Leave management system)** - Web Application, Mobile Application
Description: An internal application developed for managing the leaves of the employee.
Technologies : Asp.Net C#, MVC5, Bootstrap, Xamarin Forms, Azure Notification Hubs, SQL Server.
Role: Project planning, Development and Testing

➢ **Service Booking app -** Web application & mobile application
Description: An application for booking vehicles service via mobile as well as web application. The backend team will get the notification on their mobile application. The backend team confirms the services and schedules them. Service person goes to the place and completes the services and updates them via his mobile applications. The offers and reward points are notified in the mobile application.
Technologies : C#, ASP.Net. Xamarin Forms, Azure Web Services. Azure Notification Hubs, MSSQL
Role: Project planning, Architecture Designing, Designing, Development.and Testing

Personal Skills

- Quick learner and can adapt to work related changes easily
- Can handle any difficult situations ingeniously
- Have good communication skills and good at analytical thinking
- Act as good team member and leadership qualities

Work Experience

❖ **H and R Block** Senior Software Engineer - Feb 2022 to Current
  ❖ Implemented a .net cloud based application which pulls data from Azure DevOps, SonarQube and other data sources to calculated various matrix as per the origination leadership requirements
  ❖ Reduced the azure infrastructure cost of the project to 55% of its original
  ❖ Optimized the performance of an legacy application which was taking around 30 minutes to 5 minutes
  ❖ Migrated on-perm server to azure cloud using Terraform and Microsoft Bicep.
  ❖ Worked on Open AI projects.
  ❖ Mentoring junior associates and Sprint planning.
  ❖ Created and migrated application using C#, ASP.Net, ASP MVC, Dot Net Core, Web API, Azure Cloud, Azure ADO, Terraform, MSSQL.

❖ **Cycloides Pvt Ltd.** Technical Lead - Nov 2019 to Jan 2022
  ❖ Requirement gathering from stakeholders
  ❖ Creating Technical documents
  ❖ Take part in architecture discussion,

- ❖ Team leading, Code reviews and application deployments
- ❖ Conducting Technical training
- ❖ Technology worked C# ASP.Net, Dot Net Core, Web API, Azure Cloud, Azure ADO, Terraform, MSSQL

- ❖ **KudoWorld TechBay Pvt Ltd.** Project Lead - April 2017 to July 2018
  - ❖ Product development, Project Architecture and Application deployments using Azure ADO and CI/CD
  - ❖ Requirement gathering from clients.
  - ❖ Identifying potential risks and blockers
  - ❖ Cost optimization for the cloud infrastructure
  - ❖ Team leading, Code reviews and Conduct technical interviews
  - ❖ Technology worked C#.net MVC, Razor, javascript Xamarin, Azure Cloud, Azure ADO, MSSQL.

- ❖ **Gemini Software Solution** Senior Software Engineer - Sep 2016 to Mar 2017
  - ❖ Application development.
  - ❖ Technology worked C#.net MVC,MSSQL

- ❖ **Logiticks** Software Engineer - Oct 2014 to Aug 2016
  - ❖ Application development.
  - ❖ Technology worked C#.net MVC , Azure Cloud, AngularJs and Xamarin, MSSQL

- ❖ **Weinfos** Software Developer - Mar 2012 to Dec 2013
  - ❖ Application development.
  - ❖ Technology worked C#.net, MSSQL.

- ❖ **rsha Software Technologies** Software Trainer - May 2011 to Feb 2012
  - ❖ Mentor student for academic projects
  - ❖ Syllabus division
  - ❖ Career Guidance
  - ❖ Technology worked VB.net , C#.net and ASP.net, MSSQL.

Language Skills

	Listening	Reading	Speaking	Writing
English	B2	B2	B2	B2
Malayalam	C1	B1	C1	B1
Tamil	B2	A1	B2	A1
Hindi	A2	A1	A2	A1
German	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

Personal Details

- **Location** : Kerala India
- **Hobbies** : Surfing the internet to study new technologies & concept, Blogging, Gaming, Travelling, Badminton, Photography

<u>DECLARATION</u>

I hereby declare that the details furnished above are true and unbiased to the best of my knowledge.

Place: Trivandrum

Date: (SIVAPRASAD.S.R)