Sanath Katakam

Cloud Developer / Full Stack Developer

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Summary

Innovative, task-driven and a Microsoft certified professional having 4 years of experience in full stack development overseeing all aspects of SDLC, from analysis and design through execution and maintenance across diverse industries. Proficient in utilizing a wide variety of programs and tools to provide high quality and cost effective applications to boost organizational efficiency and productivity.

Skills

Cloud: Azure Functions, Logic Apps, Service Bus, SQL Server, Storage, Automation, App Insights, ARM Templates

Frontend: Angular, React, Kendo UI, JavaScript, jQuery, Leaflet, Open Layers, D3.js, HTML5, CSS3

Backend: .NET Core, .NET Framework

Database: SQL Server

Continuous Integration: Azure Pipelines

Containerization: Docker

Architecture: Monolithic, Layered, Microservice

Version Control: Git, GitHub, Azure DevOps Server (TFS)

Methodologies: Agile (Scrum), Waterfall Model

Work Experience

Cloud Developer
May 2021 - Present

Cognizant

- Develop serverless solutions on cloud platform.
- Develop solutions using Azure Functions, Service Bus, Logic Apps.
- Built integration solution to connect SAP and salesforce system using Azure Integration services.
- Managed data using Azure SQL.

Full Stack Developer
Nov 2020 - May 2021

Arcadis

- Implement complex, high-quality, scalable, and extendable end-to-end solutions using .NET Core & React.
- Visualized geographical data using Leaflet/OpenLayers & D3.js
- Developed APIs which can return JSON & GeoJSON.
- Managed spatial data using Microsoft SQL server management studio.
- Implemented Microservices Architecture by using Ocelot API Gateway.
- Containerised .NET& .NET Core applications using Docker.
- Built the CI/CD pipelines from scratch by using Azure Pipelines.

Full Stack Developer
Mar 2018 - Nov 2020

Accenture

- Design, develop, and maintain applications using a wide range of technologies from .NET MVC to WebAPI and Angular to effectively solve business problems.
- Developed web applications with robust front and back ends that work together to perform all CRUD Operations.
- Upgraded legacy systems to the latest versions.
- Provided database connectivity using EF 6.0, LINQ, designed stored procedures and views.
- Built scalable RESTful web services and consumed it.
- Implemented improvements in the design of existing software architecture.

Certifications

Microsoft Certified: Azure Fundamentals

Awards & Achievements

Earned Accenture Celebrates Excellence(ACE) award for Q2, FY20 in the Client & Customer category for unremarkable delivery of a project in F# & Grafana.

Projects

Azure Integration

An integration module developed to fetch data from SAP and send it to Salesforce by applying business logics.

Responsibilities:

- Primary role is to develop an integration module to transit data from source to destination.
- Developed logic apps to read messages from MQ source and pass it through functions.
- Implemented functions using Service Bus and HTTP triggers to transform messages and apply business logics.
- Created Service bus topics & subscriptions to store data as messages.
- Designed and Developed Database using Azure SQL Server to store transactional data.
- Prepared ARM Templates for deployment.

Environment: C#, .NET Core 3.1, Azure Functions, Logic Apps, Service Bus, Azure SQL Server, GitHub, Visual Studio Code.

Railway Structure Designing Application

A data driven application developed to design/modify the structures of railway tracks, track assets and others using a web application.

Responsibilities:

- Primary role is to develop application which can render rail structures dynamically.
- Modernized legacy app originally built on WinForms to Web by using React.
- Designed an Interactive UI of the rail structures in web page using Leaflet/Open Layers (JS Libraries).
- Developed GeoJSON APIs to return geographical data from database.

Environment: React, .NET Core, Leaflet, Open Layers, MS SQL Server, GitHub, Visual Studio.

Blend Factor

A real time dashboard to track blending factor of the multiple crushers in mines by using IOT & Grafana Dashboards.

Responsibilities:

- Primary role is to develop visualization using Grafana.
- Fetched the data from source system into database by using F#.
- Wrote T-SQL queries to fetch data from database and visualize it in the dashboard.

Environment: Grafana, F#, MS SQL Server, GitHub, Visual Studio.

Downtime Reconciliation Tool

Angular 9 & .NET Web API based application which is used to manage the assets in different sites across the world.

Responsibilities:

- Primary role is to implement APIs which can perform CRUD operations by using .NET Web API.
- Created a form in Angular to store the asset info.
- Displayed all the assets info in Tabular format with option to edit & delete.

Environment: Angular 9, .NET Web API, C#, MS SQL Server, TFS, Visual Studio.

Education

B. Tech   2013 - 2017

SRM University, Chennai

Electronics & Communication Engineering