RAVICHANDRA VYDHYA

BACKGROUND

With more than 12+ years' experience in the information technology industry, I have a wide range of experience in analysing, developing, documenting, planning, coding, reviewing, testing and implementing business technology solutions.

Also experienced in agile practices of Design and Development of Various Application Systems for Manufacturing, Public Safety, Insurance, Ecommerce, IoT domains using .Net full stack.

CGI EXPERIENCE

Volvo Bus PIM (Dates 5/25 – till now)

Client: Volvo

The VB PIM (Product Information Management) system comprises two core services: Model Manager and Publication Manager.

- Model Manager is responsible for validating and formatting incoming product data related to Volvo buses. Once processed, this data is sent to Inriver PIM, where it is stored along with associated entities and fields.

- Publication Manager provides a set of APIs that expose entities, products, and fields. These APIs are consumed by various clients such as Marketplace, Product Variant Hub, and VG PIP.

Technical Environment:

- Frameworks & Platforms: .NET 8.0, ASP.NET Core, Azure Functions

- Infrastructure & Tools: Docker Containers, IBM API Connect, Azure Key Vault, Azure Storage

- Integrations: Inriver PIM, Azure Cognitive Search, Azure OpenAI API

- DevOps: Azure DevOps with YAML-based CI/CD pipelines

Product Assistant (Dates 9/24 – 5/25)

Client SKF

The SKF Product Assistant is designed to help with various user queries related to SKF products and services. This bot interacts with the Azure API, which in turn invokes an Azure function that leverages Azure OpenAI services and machine learning models such as GPT-4o and GPT-4omini, utilizing the orchestration tool Semantic Kernel. Additionally, it relies on AI search, Cosmos DB, and Storage as its knowledge data sources.

EXPERIENCE SNAPSHOT

INDUSTRY EXPERTISE

- Cloud Native Applications Development
- Manufacturing
- Public Safety
- IoT

TECHNICAL SPECIALIZATIONS

- Seasoned .Net Developer
- Microsoft Certified Azure Developer Associate
- Certified SAFe® 5 Scrum Master

TRAINING

- C#
- Asp.Net MVC, Web API
- SQL Server
- Azure App Services, Cloud Native, Serverless, Azure Integration Services ADF, Docker, Kubernetes, Azure Cognitive Search, Azure Open AI
- AWS Lambda, Step Functions
- JavaScript
- Angular
- jQuery
- Python
- Git, TFVC

Technologies Used: Azure OpenAI services(gpt-4o, gpt-4omini), Azure AI Search, Semantic Kernel, Azure Functions(c#, python), Event Hubs, Azure API Management, Azure web app bot, Azure SQL, Azure Cosmos DB, Azure Storage, Teams Bot(bot framework) with python

Apigee-APIM – Citrix (Dates 4/24 - 9/24)

Working on Citrix Google Apigee to Azure APIM migration. This migration is one of the complex migrations as there are hundreds of Api's that need to be migrated to APIM involving Api's for different customers of Citrix.

Technical Environment:

Google Apigee Edge, Azure APIM .Net, MVC, Azure Functions, Azure Key Vault, Service Bus, APIM, ADF, Azure Active Directory (Microsoft Entra) SQL, CDN, Azure Storage, Azure DevOps with YAML based pipelines, Azure DataFactory.

CBBS – AkzoNobel (Dates 03/21 till 6/24)

Colorimetric Building blocks and Services (CBBS) provide set of API's & services that are consumed in various Akzo applications. They include, CoD (Color on Display), CoD Translucent, CV3d & CV2d & MLV (Most Likely Variant), Leveraged Azure AI Search and OpenAI GPT Models to create intelligent search solutions, improving user experience.

Scrum Master/ Sr Developer:

Working as a Scrum Master with a keen ability to understand and build complex systems with a proven history of working with cross-functional teams.

As a developer, involved in designing solutions, coding, unit-testing, reviewing.

Technical Environment:

.Net 6.0, Asp.Net core, Azure Functions, Azure Integration services (Azure Data Factory), Docker Containers, Azure Bicep\ARM templates, Azure Key Vault, Cognitive Search, Azure Open AI Api, Azure Event Hubs, SQL, CDN, Azure Storage, Azure DevOps with YAML based pipelines.

OTHER EXPERIENCE

HCL Technologies Limited   11/2019 – 03/2021

Project: SWB, PEAPS, COLD, Navisys   Tech Lead/ Developer

Client: American International Group

Technical Environment:

Asp.Net Core 3.1, Azure App services, Key Vault services, Azure Storage, Azure

Functions (Function App), Asp.Net Core 3.1, Web API, Java script, SQL Server, Jira, Git, Slack, Docker, Visual Studio 2019

HCL Technologies Limited	04/2018 – 11/2019
Project: CHAMP, TOL-Brace	Tech Lead/ Developer
Client: CHD, Eaton India Innovation Center, Pune	

Technical Environment:

Asp.Net Core 2.2, Azure App services, Key Vault services, Azure ASE, Azure Storage,

Azure Functions, Azure AD, WCF, Web API, Java script, Angular 8, Sql Server, Jira

Halcyon Technologies Private Limited	09/2016-10/2017
Project: EcarTag Portal, CyclePro NextGen, API, Android app	Sr. Developer
Client: EcarTag (US)	

Technical Environment:

Asp.Net MVC, Web API, Java script, Polymer.JS, Polymer Web Components, Sql Server, WCF, Windows service, TFS, Remedy, WCF, Trello, Windows service, TFS, Bootstrap, JQuery

SAPTA Consulting Services Private Ltd	07/2013 – 02/2016
Project: PROCESSHR	Developer
Client: Sapta Global Inc., NJ, US	

Technical Environment: Asp.Net MVC, Web API, Boot strap 3, Java script, Sql Server, WCF, TFS

Technical specializations

Cloud Native Application Development

Azure DevOps with Pipelines

Web API, Services, SQL Areas of expertise

C#.Net, Asp.Net, Sql Server

Azure Functions, Azure ADF, Docker, Kubernetes, Service Bus, Key Vault, Java Script, JQuery, Angular

Education

MCA, Osmania University, Hyderabad & MSc

Certified SAFe® 5 Scrum Master

Microsoft Certified Azure Developer Associate

Processing Big Data with Hadoop in Azure HDInsight

Ravichandra Vydhya | LinkedIn