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Shivprasad Koirala

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Enterprise Application Architect

CAREER OBJECTIVE:

Seasoned Application Architect and Principal Software Engineer with 20 years of diverse experience across Asia, the US, the Middle East, and Europe. Skilled in designing, developing, and optimizing software solutions for global clients, with a proven track record in both technical excellence and cross-cultural collaboration. Seeking to leverage my international experience and advanced technical expertise to drive innovation and contribute to high-impact projects within a forward-thinking organization.

CORE COMPETENCIES:

- Software Development Life Cycle (SDLC)
- Delivery Management
- DevOps Practices
- Agile & Scrum Methodologies
- Cloud Platforms
- API Integration
- ASP.NET Core
- SQL Server
- Azure Cloud
- AI ML with ML.NET / Python
- Angular , React
- Web API
- Micro Services and DDD
- Zero-Downtime Deployment
- Client & Stakeholder Management
- Technical Strategy Planning
- Project Management
- Team Collaboration

PROFESSIONAL SUMMARY:

- **Senior Architect** with **nearly 20 years** of successful career by commendable performance in **ASP.NET Core, Angular, SQL Server and Azure**.
- Designed and developed N-tier web, windows using **ASP.NET core, Angular** as front end and securing using **JWT token**.
- Hands on and implemented MVC core concepts like **Dependency injection, Middle wares** and **Session management techniques**.
- Implemented Angular with best practices like **Lazy loading** , Reactive forms , **DI** , and Reusable UI using **input/output/emitters**.
- Good knowledge on **Azure app service, function apps , logic apps** and various **azure storages like blobs, queues , tables and files**.
- Good understanding of Architecture concepts and Design patterns concepts like **Iterator, Singleton, Adapter, Factory repository , Microservices and DDD**.
- Skilled in developing systems built on **SQL Server using Tables, Triggers, Views, Functions and Stored Procedures and maintaining the database**, including requirement analysis, design, data conversion, loading and implementation.
- Good awareness of deployment tools like **Docker , Kubernetes and Azure Devops**
- Experience of working on all phases of System Development Life Cycle (SDLC) using **Waterfall** and Agile **SCRUM** based development methodologies.



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- Good experience on Estimation using **WBS** approach.
- Capability of managing projects end to end right from requirement to design and implementation.

TECHNICAL PROFICIENCIES:

- **Programming Languages:** C#, Python, VB.Net
- **Enterprise Technologies:** .NET Core 8.0, .NET 10.0, LINQ, MVC, WCF, REST, SOA, Entity Framework 6, Entity Framework Core 8.0
- **Web Technologies:** JavaScript, jQuery, HTML, PHP, CSS , ASP.NET
- **Cloud Platforms:** Azure(APIM, Service Bus, Azure Functions),AWS (EC2, S3)
- **Web Servers:** IIS 8.5, Apache Server
- **Databases:** SQL Server, MySQL, Oracle
- **Operating Systems:** Windows, Linux (Red Hat, CentOS)
- **Tools:** Visual Studio 2022, SQL Server Management Studio, TOAD, DevExpress, Telerik, Kendo UI, App Works, Documentum, Power Automate
- **Payment Gateways:** MPGS 3DS2.0, Apple Pay, Google Pay, Samsung Pay, PayPal

EMPLOYMENT HISTORY:

1) Danphe EMR

Senior Architect

From: February 2021 Till Date

About Project :

Danphe is an Open source HIMS / EMR /EHR which aims at making hospital paperless. It has various functionalities like Registration, Appointment, Billing , Inventory , IPD , OPD, Accounting , Emergency , Labs , Radiology , Doctor and ADT. I was involved right from inception and now doing maintenance, new features, bug fixing and customer handling.

Job Responsibility:

- End to End was responsible for technical and architecture part .

2)

Technical Architect

From: February 2010 To Jan 2021

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Awards and Honors:

- Honoured for exceptional achievements and unwavering commitment to HCT's success in 2023.

ACADEMIC QUALIFICATION & CERTIFICATIONS:

- BE Elec, Mumbai in 1992.
- AZ-900 Azure Fundamentals
- M-AZ400 - Designing and Implementing Microsoft DevOps Solutions
- Modernizing Applications with Containers and Orchestrators

Shivprasad Bist