

SHANKARA R

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SUMMARY

- 12+ Years of experience in product design, developing and testing in – (n)Tier Client/Server Web-based applications using .NET stack , SQL server with Agile methodology.
- Strong experience in creating and consuming RESTful services and developing **Azure Logic Apps and Azure Functions**
- Experience in .NET, **Microservices, Docker**, design principles & design patterns.
- Experience in Microsoft Technologies like C#,LINQ, Entity Framework, ADO.NET, SQL Server, WCF, **Web API RESTful Services in .NET CORE, IIS 7.0/6.0.**
- Experience in **Redis** cache and **event driven system** architecture
- Knowledge of using Continuous Integration / Continuous Deployment (CI-CD) tools as Jenkins.
- Experience in bug tracking, issue tracking using **Jira**.
- Extensively worked on **IOT** based applications integrated with **Microsoft Azure**
- Hands-on experience in **Azure EventHub, RabbitMQ and KAFKA.**
- Hands-on experience in domains like Fire-Safety, Intrusion and Automotive domains.

SKILL SET

Languages: c#, Java

Database: SQL Server, Mongo DB, Cosmos DB

Web Server: IIS, IIS Express

Frameworks: Entity Framework, Entity Core, WCF, .NET Framework 5.0, LINQ, Dapper, NUnit, NLog, ELK Stack, Kibana, Redis Cache, Kafka, RabbitMQ, Elastic Search

Cloud Platforms: Microsoft Azure

Devops: Bitbucket, Confluence, Bamboo, Git, SVN, JIRA

IDE: Visual Studio 2019 and IntelliJ

WORK-EXPERIENCE & PROJECTS

HONEYWELL
Technology Specialist

Nov 2014 - Present

MaxProCloud ® is an integrated cloud-based security management system that provides real-time access control and video surveillance to any mobile device, enabling on-the-go management of single or multiple buildings. The platform comprises of various micro services and messaging components.

Responsibilities:

- Responsible for requirements analysis, technical design, implementation, testing and documentation.
- Developed critical components of the application including **Web API, WCF** and business logic and data logic components that include **NHibernate entities, MVC models** following MVC architecture.
- Involved in implementation of matching functionality between account and offers and also the functionality to manage customer communication and channel preferences using **.NET core** and **Entity Framework**. Integrated **Swagger** across applications
- Implemented SSO using **Azure Active Directory integration**
- Written extensive NUnit testing classes for comprehensive coverage of test cases.
- Developed integration with third party cloud provider for Alarm centralization functionalities
- **Dockerized** the simulators for multi environment simulations
- Responsible for analysis and fixing **performance related issues** in service layer
- Integrated with **ELK stack** and **Kibana Dashboard**

Evance Services® is a leading-edge software offering that automates and streamlines inspection and service management operations for customers. This is entirely a cloud based centralized Fire-alarm monitoring and alert system that has web-application designed in .NET and two native android apps for pulling data directly from the Fire Panels and helps in interaction with Fire Panel devices thereby reducing the labor hours and increasing the productivity of the consumers

Responsibilities:

- Added additional features in web-application by enhancing the **WebAPI** services.
- Added new services for eCommerce – **Digital River integration** with our application
- Complete responsibility of reporting services module for the website. Used iTextSharp for creating dynamic reports using **c#** and **.NET 4.5** framework.
- Complete responsibility of developing the Android app – UI and communication with WCF services using **JSON** for interaction
- Created separate gateway for Mobile applications

ROBERT BOSCH
Senior Software Engineer

Oct 2010 – Oct 2014

Multi-Device Simulation ® is a desktop-based application used by BOSCH Chassis control division world-wide to simulate crash results for a wide range of customers (Audi, BMW, Ford, VW, etc.). This is a simulation tool which simulates the crash results with various parameters and calculates the deployment of airbags based on vehicle conditions. To support this tool, a bunch of tools under MDS is developed and maintained by the team.

Responsibilities:

- Main focal for requirements, design and development of this tool.
- This module won the design and performance award in 2014
- Supported and developed additional modules for the old VC++ application that was existing for 10 years and migrated this to c#.net (winforms and WPF applications)

GENERAL SOLUTIONS INDIA
Software Engineer

Aug 2008 – Oct 2010

DVR-Central Monitoring System® (DVR-CMS) is a central monitoring system developed to monitor and control thousands of DVRs (Digital Video Recorders) placed in different ATM centers. The product continuously monitors the health status of the DVRs, and will send Email/SMS alerts to the system administrator in the event of any mishap, such as Signal Loss from cameras or if the DVR is not recording etc. The data retrievable includes live videos, live images, performing a search for any particular data, getting images out of video and provide that as proof in case of thefts etc.

Client → Kotak Mahindra Bank, Corporation Bank & Federal Bank

Responsibilities:

- Development of various modules using .NET and SQL for backend services.
- Converting C++ libraries to .NET using CLI

EDUCATION AND CERTIFICATIONS

- BE (Electronics & Communication), VTU, 2008
- **Certified Scrum Master** from Scrum Alliance
- **Oracle Certified Java Programmer**

AWARDS AND RECOGNITION

- HTS Level "**Outstanding Performance Award**"
- SILVER award for "**Best Release Management**" in Scrum Team
- SILVER award for Migrating eVance cloud solution from **on-premise** to **Azure cloud**
- STAR award for **android application** development

DECLARATION

I hereby declare that the above-furnished information is true to the best of my knowledge.

SHANKARA R