Experience Summary:13 years of experience in software analysis, design and development of Windows and Azure cloud-based Web applications.

Highlights:

* Experience in Designing, Development and Maintenance of Scalable, Distributed Web based Applications.
* Experience in developing web applications using .NET MVC, Entity Framework, Web Services and MS Azure.
* Develop application using Restful Web API.
* Deploy, configure, monitor, and diagnose Azure applications and services in PAAS & IAAS environment.
* Experience in Azure storage, Azure SQL Database, Virtual machines, Azure AD, Azure function and Azure Logic App.
* Define cloud network architecture using Azure virtual networks, VPN and express route to establish connectivity between on premise and cloud.
* Good exposure in MS Azure Security & Identity services (i.e. Azure Active Directory)
* Experience in Agile & Scrum Programming.
* Experience in database design and development using SQL Azure, Microsoft SQL Server and My SQL.
* Extensive exposure to Software Development Life Cycle, Object Oriented Programming and Design Patterns.
* Experience in developing firmware for Windows CE.based devices using C++.
* Hands-on experience in project execution and client interaction.
* Extremely enthusiastic about learning new technologies.

Key Skills:

**Programming Languages:** C, C++, C# and Java

**Web Technology:** ASP.Net MVC, WCF Services, Web API, HTML, CSS

**Azure Cloud Service:** Web App, function App, Logic App, Power App, Azure SQL,

Azure Storage, APIM, Azure SignalR, Azure function, Azure AD,

Virtual Network, Virtual Machine, Application Gateway and Load

Balancing. Azure Microservices. Azure Messaging Services.

**Databases:** SQL Server, Azure SQL, My SQL

**Scripting Language:** Power Shell, Azure CLI

Educational Qualification:

* Master in Computer application.

Professional Experience:

|  |  |  |
| --- | --- | --- |
| **Company** | **Designation** | **Duration** |
| **Honeywell Technology Services** | Sr. Tech Lead | Mayv-2016 ~ Till Date |
| **MindteckIndia Ltd.** | Tech Lead | Nov-2013 ~ Apr-2016 |
| **L&T Infotech** | Project Lead | Sept-2007 ~ Nov-2013 |

Projects Summary:

1. **eVance Facility Manager.**

**Description:** eVance is aCloud-based application, enabling easy and secure collection, monitoring and analyzing of fire panel data. It predicts the overall System Health of the Fire System and generate different fault Reports. It **i**s mainly aimed at helping the Facility Manager in determining the overall health of the Fire system. The system captures fire system health parameters over time &offer predictive maintenance to avoid any down time of facility due to fire system related challenges. It shows information about Ground Faults and various other Faults and Events statistics of the Fire Panel. The system indicates timely device replacement and has ability to check status of all sites from a central location (specifically to monitor remote locations). It also helps in generate system health report in PDF and DOC format. This solution provides automated email & SMS notifications to Facility Personnel/ESDs when critical faults & events are detected by fire system.

**Technologies** – C++, C#, .NET MVC, HTML, CSS, log4net, Web App, Azure SQL, Azure Storage, Send Grid and Twilio Services.

**Role**: Sr. Technical Lead.

**Responsibilities:**

* Create Solution Architecture based upon Microsoft Azure IAAS and PaaS Services
* Design solution for various system components using Microsoft Azure
* Deployment and monitoring of application in Azure Service
* Provide Sprint Demo to client and stake holders.
* Actively participate in Sprint planning, Daily Scrum, Sprint review meeting, and Sprint retrospective meeting.
* Perform Peer’s Code Review to avoid any code quality issues.
* Involved in Production Deployment

1. **InTym TA**

**Description**: InTym Time and Attendance is a web based application used for tracking employee attendance record. The employee should use his or her finger print for recording the in and out time. The employee has provision to apply leaves in the system. The admin can view the employee presence and process the monthly salary. The employee can generate different kinds of reports in the form of word, excel and pdf.

**Technologies** – C#, .NET MVC, HTML, CSS, Web App, Azure SQL, Azure Storage, Virtual Network, Virtual Machine, Load Balancer, Web jobs.

**Role**: Sr. Technical Lead.

**Responsibilities:**

* Requirement analysis design and development.
* Create Solution Architecture based upon Microsoft Azure PaaS and IaaS Services
* Coding, testing and bug fixing
* Setting up Staging and Production environment in Azure
* Deployment and monitoring of application in Azure Service
* Client interaction.

1. **LiveVox** **Dialer.**

**Description**: LiveVox is an enterprise cloud based digital system that provides contact center services. LiveVox tracks agent availability after collectors log into the web-based LiveVox system, allowing the LiveVox VoIP Dialer to automatically adjust both call routing and call pacing in real time. LiveVox is the first provider of hosted dialer solutions for the credit and collections industry.

**Technologies** – C#, .NET MVC, Azure Function, APIM, Azure SignalR, Logic APP, Azure SQL, Azure Storage

**Role**: Sr. Technical Lead.

**Responsibilities:**

* Analyzing the requirements, design and development.
* Setting up Staging and Production environment in Azure
* Coding, testing and bug fixing
* Client interaction.

1. **Smart Magic Box.**

**Description**: Smart Magic Box is a real-time vision application used for detecting and reporting serious security threats. The Security incident include unauthorized access to sensitivity place, loss or theft of equipment and violating rules and policy. The application uses OpenCV (Open Source Computer Vision Library) to detect and recognize faces, identify objects, classify human actions in videos, track camera movements etc. The SMB reads the suspected images and videos and send the same to the Azure Cloud as an event. The Cloud Service notify the mobile user in the form of email and SMS about the suspected action.

**Technologies** – C++, C#, .NET MVC, SQL Server, Azure Cosmos DB, Azure Event Hub

**Role**: Sr. Technical Lead.

**Responsibilities:**

* Analyzing the requirements, design and development.
* Setting up Staging and Production environment in Azure
* Coding, testing and bug fixing
* Client interaction.

1. **EasyOLP.**

**Description**: This is a Windows based software application program that enables users to write machine programs for the Chip Mount machines with minimal time and efforts but enable the high production throughput. This can read various PCB formats like CAD format, ASCII format to extract XY coordinates of each placement, convert them into a common data format. The optimization and Load balancing features will enable the maximized productivity in the factory level environment. The Line Monitoring feature enables to monitor the production information in the factory.

**Technologies** – C++, C#, VC++ MFC, Data Structure

**Role**: Project Leader

**Responsibilities:**

* Analyzing the requirements, design and development.
* Coding, testing and bug fixing
* Multilingual support.

1. **Porting Games to Windows Mobile.**

**Description**: Mobile games such are Flings, Animal Circus and Dragon Hunter are ported from existing Brew platform to Windows Mobile.

**Technologies** – C++, C#, VC++ Win32, Data Structure

**Role**: Module Lead

**Responsibilities:**

* Porting Brew applications to Windows Mobile.
* Bug fixing.
* Client interaction.

1. **Windows Mobile Plug-in**

**Description**: Developed legacy plug-in APIs for SMS, MMS GPS and CS calls for ECRIO Inc. This includes a test application to verify the functionality of the above Plug-ins (DLLs).

**Technologies** – C++, C#, VC++ Win32

**Role**: Module Lead

**Responsibilities:**

* Project design and documentation.
* Coding the DLLs, and written a small application for testing its functionalities.
* Bug fixing.

1. **Sharpdesk.**

**Description**: This software offers a complete, easy to use solution for organizing and working with papers, electronic documents, and images. Once a document has been saved to a PC, the user can use Sharpdesk to organize it, view it, and then print or e-mail it. Sharpdesk integrates different tools to carry out the following functionalities. Scan Images and Documents, Convert Images to Text, View Images, and Distribute the Documents, Import/Export an Image or Document and Advanced document Search.

**Technologies** – C++, C#, VC++ MFC

**Role**: Senior Engineer

**Responsibilities:**

* Project design and documentation.
* Development, Testing and bug fixing.