

**VishnuVikas K**  
Address: St. Albert, Canada

Mobile: +91 9789942470  
+1 780-278-9859  
E-Mail: [vikassevishnu@yahoo.com](mailto:vikassevishnu@yahoo.com)

## Summary

---

Accomplished techno-functional professional with over 13 years of experience specializing in the design and development of highly scalable, low latency systems. As a seasoned lead engineer, I have adeptly guided teams in the successful creation of distributed systems from scratch, leveraging cutting-edge technologies such as Serverless Compute.

My proficiency in microservices architecture and cloud native design patterns along with my skillset to leverage front end frameworks like React and Angular helps me to engineer innovative solutions that significantly enhance customer productivity. My commitment to driving excellence in every project is evident through my leadership in adopting emerging technologies and successfully implementing intricate systems.

## Education

---

**Bachelor Of Engineering in Computer Science**, 2010 SRM EASWARI Engineering College, India

## Skills

---

- Solution Design
- Low Latency Scalable Systems.
- Cloud-native Design Patterns.
- Microservices Architecture, Real time event driven systems.
- .NET, NodeJS, .NET Core, ASP.NET MVC
- React, Angular, HTML, JavaScript
- Azure Functions, Service Bus, Event HUBs
- SQL Server, MongoDB
- Kafka, REDIS
- SSIS

## Professional Experience:

### Project Manager, Light & Wonder, Canada

---

**Project Name:** WE Player Portal

**Website:** <https://portal.winnersedge.ca/>

- Successfully managed and developed the WE Player Portal, a web application providing real-time information on casino promotions and jackpots.
- Utilized Angular and .NET Core to develop modular components and enhance user experience.
- Collaborated with cross-functional teams to ensure timely delivery of high-quality software.
- Developed APIs for fetching player details and integrated with Azure B2C for authentication.
- Deployed the application in Azure App Service to auto scale application based on the scaling rules.

### Lead Software Developer, Light & Wonder, Canada

---

**Project Name:** Player Rewards Engine

- Led teams in the creation and development of the Player Rewards Engine, a real-time event-driven system that empowers casinos to deliver promotions to millions of players in real-time, based on predefined rules.
- Utilized Event Hubs to trigger events received from Slot Machine and Kiosk in the on-premises location.
- Leveraged Serverless compute (Azure Functions) to scale systems, reduce latency and determine if a player is eligible for promotion.
- Implemented Azure Service Bus as a messaging service to facilitate communication between functions.
- Consumed the SendGrid/Twilio API to send email and SMS to players if they win a promotion.

### Full Stack Developer, Light & Wonder, Canada

---

#### **Project Name:** Lease Management

- Designed and developed a custom solution to automate lease calculations to improve customer productivity by more than 50%.
- Utilized Angular & .NET core to develop the responsive UI.
- Utilized Kafka for asynchronous communication between microservices (API Service, Lease Service and Report Service).
- Followed a pattern like CQRS pattern, where the API service acted as the Command and Report Service acted as Query.

### Senior Developer, Scientific Games, India

---

#### **Project Name:** HUB

- Involved in the design and development of the HUB, a centralized player/promotion management system.
- Developed a rule engine using the expression builder for creating dynamic rules for casino operators.
- Created SSIS packages to migrate data from different CMS systems to a compatible data structure.

### Analyst Programmer, Ramco Systems, India

---

#### **Project Name:** MDCF

- Developed APIs to import data into the ERP system for the Master Data Collection Format (MDCF) project.

### Achievements

---

- I was awarded a Star Player award for proposing and implementing Lease Management solution. The product helped to improve the productivity of the end user by 50% and in turn created recurring revenue for the company.
- Installed and implemented bally products on-site at multiple international locations including, Canada, Macau, Vietnam & Curacao, ensuring that the solutions were deployed smoothly and met the unique needs of each location.

### Certificate

---

- Microsoft Azure Certified Developer Associate.

**Declaration**

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

**Place:** ST Albert

**Date:**

**[VishnuVikas K]**