

Bobby Jose

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SUMMARY

Senior Software Engineer with 10+ years building scalable cloud-native solutions across finance, aerospace, and SaaS platforms. Proven expertise in AI integration, microservices architecture, and full-stack development. Passionate about leveraging Azure services and AI technologies to deliver exceptional user experiences.

SKILLS

Language & Frameworks: C#, .Net, ASP.Net, React, Python

Cloud & DevOps: Azure Functions, Service Bus, APIM, Github Actions, Bicep

AI & ML: Azure Machine Learning, Azure AI, Gemini Vision API, OpenAI API

Databases: MS-SQL, Postgresql, MySQL, Entity Framework Core, LINQ, Cosmos DB

Architecture: Microservices, Event-Driven, Server-less, REST

EXPERIENCE

Senior Software Developer, Igloo Software, February 2022-Present

Toronto, ON

- **Architected enterprise SaaS platform** serving 100k+ users with event-driven microservices using Azure Functions and Service Bus
- **Implemented multi-channel notification system** supporting in-app, email, and mobile push notifications.
- **Designed advanced user profile management** with dynamic field validation and rule-based group assignment
- **Built recommendation engine** utilizing Azure ML Designer and Python, increasing user engagement on articles by 35%.
- **Integrated OpenAI APIs** for dynamic content generation, enabling users to refine AI responses before publication.
- **Established Azure Cosmos DB architecture** from ground up, optimizing NoSQL performance for high-throughput scenarios.
- **Configured Azure API Management** with environment-specific policies and integrated SSO with Okta and other identity providers.

Senior Developer, Industrial Alliance, February 2016-February 2022

Toronto, ON

- **Lead the team for Prosperiplan**, a financial planning software in ASP.Net MVC5, empowering advisors to create comprehensive financial analyses and reports.

- Led the implementation of a document service project, serving as a centralized repository abstraction for saving documents across various backend repositories.
- **Orchestrated Docker containerized .NET Core 3.1 web APIs**, seamlessly deployed on Azure with Kafka triggered processing.
- **Developed Client Onboarding APIs** and worker processes integrating with third party Appway Software.
- **Implemented API authentication/authorization** using CA Broadcom API Gateway.
- Spearheaded a Proof of Concept (POC) to deploy the document service in Kubernetes using Rancher.

Technology Lead, Infosys, April 2006-May 2014

Montreal, QC

- **Served as Technical Consultant** at Bombardier Aerospace for ERP system implementations focusing on SAP and .Net projects.
- Developed eProduct solutions for material management, financial estimations and bill of material calculations
- **Automated critical aerospace design tools** (Catia V5) using VB.Net improving design process efficiency by 40 %.

Personal Project, 2025

Glucoplate – AI Powered Nutrition Tracker

- **Built AI meal recognition system** achieving 90% accuracy using Gemini Vision API for instant food identification.
- Implemented **voice logging feature** enabling natural language nutrition entry.
- **Developed smart receipt scanning** with grocery expiry date tracking and inventory management.
- Developed iOS mobile app with offline-first architecture, self taught Swift development from concept to App Store deployment.
- **Tech Stack:** .NET Core APIs, React frontend, Azure Functions, PostgreSQL, iOS Swift

EDUCATION AND TRAINING

Bachelor of Technology

Mechanical Engineering, Mahatma Gandhi University, India May 2006

CERTIFICATIONS

- Microsoft Azure Solutions Architect Expert AZ-305 (Jan 2025)
- Microsoft Azure Administrator Associate AZ-104 (Jan 2024)
- Microsoft Azure Developer Associate AZ-204 (Jan 2023)
- Amazon Web Services (AWS) – Solutions Architect Associate (Nov 2019)