# **🧠 Shishupal Kumar – Generative AI Solution Architect**

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🔗 [Credly Certification](https://www.credly.com/badges/d185cf3c-2172-4baf-9ee0-64190d8db3fd/public_url)

🎓 Pursuing DBA – Rushford Business School, Switzerland

🎓 PGP-DSBA – Great Learning (UT Austin Faculty)

## **🚀 Professional Summary**

Innovative and strategic **Principal Solution Architect** with 20+ years of experience in enterprise architecture, cloud platforms, and AI/ML systems—now pivoting toward **Generative AI transformation**. Proven ability to lead cross-functional teams, design scalable AI-powered solutions, and drive business impact through intelligent automation.

* Deep expertise in **Azure**, **.NET Core**, **React**, **Python**, and **AI/ML frameworks**
* Hands-on with **Generative AI**, **LLM integration**, **RAG pipelines**, and **AI-powered customer solutions**
* Strong background in **pre-sales**, **POC development**, and **end-to-end solutioning**
* Experience with **Unqork (No-Code)**, **PowerApps**, and **Microsoft VIVA**
* Delivered GenAI-enhanced platforms for clients like **GE Healthcare**, **Honeywell**, **Multichoice**, and **ARM UK**

## **🧠 Generative AI & Data Science Skills**

* **GenAI Integration**: RAG architecture, LLM orchestration, prompt engineering
* **AI/ML**: Classification, regression, clustering, SMOTE, ensemble models
* **Data Tools**: Pandas, NumPy, Seaborn, Scikit-learn, Tableau
* **Cloud AI**: Azure OpenAI, Azure Functions, AKS, App Services
* **DevOps**: CI/CD pipelines with Azure DevOps, Git, Jira
* **Security & Governance**: Role-based access, data protection, compliance

## **🧪 GenAI Project Highlights**

### **📌 GE Healthcare – LibreOffice Report Automation**

* Designed GenAI-powered document generation and summarization
* Integrated LLMs for contextual report writing and medical data interpretation

### **📌 Multichoice Portal – AI/ML + GenAI Integration**

* Architected content submission platform with GenAI-based service support
* Enabled automated producer onboarding using NLP and approval workflows

### **📌 Customer Churn Prediction – DTH/E-Commerce**

* Built predictive models using Decision Trees, Random Forest, AdaBoost, and Logistic Regression
* Delivered actionable insights to retain 5,000+ customers, saving $139M in assets

## **🧰 Tech Stack for GenAI Roles**

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| **Category** | **Tools & Platforms** |
| LLMs & GenAI | OpenAI, LangChain, HuggingFace, Azure OpenAI |
| ML Frameworks | Scikit-learn, XGBoost, LightGBM |
| Data Handling | Pandas, SQL, PostgreSQL, MySQL |
| Visualization | Tableau, Matplotlib, Seaborn |
| Cloud & DevOps | Azure, AWS, GCP, Azure DevOps |
| Frontend | React, Angular, PowerApps |
| Backend | .NET Core, Node.js, Python |
| No-Code | Unqork, Microsoft VIVA |

## **🏆 Certifications & Education**

* **PGP-DSBA** – Great Learning (UT Austin Faculty)
* **Advanced Cloud & DevOps** – IIT Guwahati & Intellipaat
* **MCA** – PES College of Engineering
* **DBA (Ongoing)** – Rushford Business School, Switzerland

## **🎯 Target Roles in GenAI**

* Generative AI Solution Architect
* AI Product Manager / Technical Lead
* Enterprise AI Strategist
* Cloud AI Integration Specialist
* GenAI Pre-Sales Consultant