

Nikhitha Sankaravamsam

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+91 8247894628

<https://www.linkedin.com/in/nikhitha-s-snkrv1>

SUMMARY:

A passionate Generative AI Developer & a Data Scientist with a total IT experience of 5 years and 1 month. Seeking opportunities to contribute my analytical and technical skills and enthusiastic to solve complex problems to drive innovation and business growth.

PROFESSIONAL EXPERIENCE:

Infosys Ltd

Role: Generative AI Developer

Responsibilities:

- Developed a functionality which uses Azure OpenAI LLM & embeddings with Azure AI Search service which helps to search on the user's/organizations data.
- Developed a functionality which uses Azure OpenAI LLM & embeddings with Azure Cosmos DB which helps to search on the user's/organizations data.
- Developed the functionality which performs dynamic summarization of articles uploaded from frontend/UI.
- Responsible for extracting text from error screenshots using OCR libraries.
- Responsible for creating different prompt templates.
- Preprocessing the data before ingesting into the Azure Blob store.

Role: Junior Data Scientist

Responsibilities:

- Collected the data and performed data cleaning/preprocessing activities.
- Explored and analyzed the data.
- Utilized the Machine Learning models to train and test the data and predict the responses.
- Generated statistical reports and visualizations.
- Turned data into actionable insights which helped in decision making.
- Validated model accuracy using various techniques.

Role: SAP BASIS Consultant

Responsibilities:

- User Administration(Creating, Locking, Unlocking User, Password Reset)
- Analyzing the system response, system logs & ABAP Dumps
- Start & Stop of SAP application, Java Instance, HANA Database, LiveCache & MDM systems
- Performed few activities in SAP Support Portal like Maintaining server details, Opening Connections, Download SNOTEs & uploading it into system, Raising an OSS incident.
- Worked with Solution Manager team to configure alerts & EWA reports for systems.
- Have performed ST-PI, ST-A/PI, GRC, Kernel & Java Patch upgrades.
- Performed basic troubleshooting of issues like Long running jobs, RFC failing issues, Java URL access issues, checking Printer issue, unprocessed records in SLT, monitoring TREX, analyzing tablespace growth, renewing maintenance and SSL certificates.

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SKILLS:

Programming Language

Python	Version 3.11
IDE	Jupyter Notebook, VS Code

Generative AI

Framework	Langchain, LlamaIndex
LLMs	Opensource – Meta Llama, Mistral, Baklava, Others – Azure OpenAI Models, Claude 3.5 Sonnet
Embedding Models	Opensource – HuggingFace embeddings, Others – Azure OpenAI embedding models
Vector Database	FAISS DB, Chroma DB, Qdrant DB, Milvus DB, Others – Azure Cosmos DB for MongoDB vCore

Data Science

Libraries used	Numpy, Pandas, Scikit learn, Matplotlib
Others	Data Preprocessing, Data Visualization, EDA, Various ML algorithms

Machine Learning

Algorithms	Classification, Regression, Ensemble Techniques
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Natural Language Processing

Libraries used	nlTK, gensim, tensorflow
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Cloud Computing

Microsoft Azure	Completed Microsoft Azure AI Fundamentals AI-900 certification
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SAP

ERP	SAP ECC 6.0, SAP Netweaver 7.4/7.5, SAP S4 HANA
OS	LINUX, HP-UNIX, Windows
Database	Oracle, SAP HANA 2.0
Ticketing Tools	Service Now, ITSM
Administration Tools	HANA Studio, Putty, Mobaxterm

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EDUCATIONAL QUALIFICATION:

Qualification	Board/University	Percentage/CGPA	Year of Passing
B. Tech in Electronics & Communication Engineering	Vignan's Institute of Information Technology, Duvvada, Visakhapatnam	83.4%	2019
Intermediate in MPC	Sri Chaitanya Junior College, Ukkunagaram	93.8%	2015
SSC	Marvel School, Visakhapatnam	9.5	2013

PERSONAL DETAILS:

Date of Birth : 2nd February, 1998
Languages known : English, Hindi, Telugu
Address : D. No – 23-73-8, Lalitha Krishna Nivas, Nehru Nagar, B.C.Road, Gajuwaka, Visakhapatnam, Andhra Pradesh. Pin – 530026.