

Steve Jose Motha

Profile summary

Full Stack & AI Engineer with 4+ years of experience in architecting scalable applications and building GenAI solutions (LLMs, RAG, Agentic AI). Skilled in Python, Node.js, and cloud platforms (AWS, GCP, Azure), with a proven record of leading AI-driven innovation at Accenture.

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EXPERIENCE

Accenture, Gurgaon — Application development analyst

AUGUST 2021 - PRESENT

Project - Manage My Price:

- Developed a versatile web application to streamline project management processes, including resource allocation, cost management, and planning, with adaptability to global pricing variations.
- Collaborated closely with global business teams based in Chicago and Argentina.
- Executed end-to-end migration of the application to QData RESTful API.
- Integrated accessibility features into the application's frontend, including keyboard navigation and text-to-speech functionality.

Project - Expert System(LLM Bot Platform):

- Configured LLM-powered chatbot for organization-wide Q&A, enhancing support and reducing response time.
- Led migration from JavaScript → TypeScript, reducing redundancy by 60% with reusable utilities.
- Optimized CI/CD pipeline with Webpack, cutting build size by 40% and speeding deployments.
- UXpert, Developed AI-based tool to generate Figma wireframes (web, mobile, Teams) with UI kits.
- Enabled export to production-ready HTML/CSS/JSON templates, reducing design cycles by 30%

Innovation POCs:

- Proposed Knowledge Graph-based RAG, boosting LLM retrieval accuracy.
- Built project-specific code generator (fine-tuned LLMs), reducing dev time by ~40%.
- Designed no-code GenAI flowgraph builder for drag-and-drop RAG solutions.

Technologies: TypeScript, Node.js, Python, Angular, Terraform, AWS (Lambda, OpenSearch), GCP (Cloud Run, App Engine, SQL), Azure (Functions, OpenAI)

SKILLS

Programming Languages

Python, JavaScript, TypeScript, SQL, Bash

AI/ML

GPT-4, RAG, Agentic AI, Knowledge Graphs, Langflow, FlowiseAI, NLP (BERT), Neo4j

Cloud Services

Google Cloud Platform (GCP): Google cloud run function, cloud sql, app engine, GCS, API gateway , Compute engine

Amazon Web Services (AWS): Lambda function, Open search Vector DB, API gateway

Microsoft Azure (Azure): Azure functions, Azure Open AI (LLM)

Web Dev

Fast API, Flask, Django, Angular, Node.js,

DevOps

CI/CD, Terraform, Git

Operating Systems

Linux, Windows, MacOS

AWARDS

Accenture - High Performer 2023

Accenture - ACE Award 2025

CERTIFICATION

Azure:

AZ-900 (Azure Fundamentals)

AI-900 (Azure AI Fundamentals)

Google:

GCP- Cloud digital Leader

GCP- Associate cloud engineer

Loumus Data System pvt ltd, Noida — SDE Internship

August 2019 - October 2019

Built a Python-based resume parser using NLTK, auto-classifying resumes into business categories.

EDUCATION

Birla Institute of Technology and Science (BITS), Pilani — Masters in technology

April 2022 - September 2025

Artificial Intelligence and Machine Learning, Specialization in Natural Language Processing (NLP)

Major Project: *StockSense* — Developed an AI agent that leverages a fine-tuned BERT model with a QnA framework to analyze financial news and extract sentiment-driven insights for trading strategies. The system integrates autonomous stock screening and trading aligned with user-defined risk profiles, effectively combining advanced NLP research with practical financial market applications to support data-driven investment decisions.

Amity University, Noida — Bachelor's in technology

April 2017 - June 2021

Computer science and engineering

PROJECTS

Personal Project: Built and successfully tested an autonomous car on simulated environment, combining the concepts of behavioral cloning, lane detection, object detection, PID control, robotics and sensor fusion

Minor: Constructed a highly secure third-party cloud storage pipeline, with its own intricate novel security protocol which is based on decentralized private key management concept, inspired from the architecture of Block chain.

Major: As part of the major project we have constructed a custom simulation model and a neural model of a self-learning robotic hand. This project was developed to carry out operations with hazardous industrial components without human interactions.

Extra-Curricular: MUNs, Hackathon

Research Paper Publication

“Market Analysis and

Separation of Waste into bio-degradable and non-biodegradable using convolutional Neural Networks” — SSRN