Anish Seth

AI/ML Engineer: Agentic AI, LLM Systems & Enterprise Automation

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PROFESSIONAL SUMMARY

AI/ML Engineer building production agentic systems for financial automation: multi-agent orchestration, tool-calling, RAG, GraphRAG and knowledge-graph retrieval with LangChain, LangGraph, AWS Bedrock, AgentCore, MCP and Nango. Focused on reliability, observability, cost optimization and edge-case testing. Two-time Smart India Hackathon national finalist.

TECHNICAL SKILLS

Agentic AI & LLMs: LangChain, LangGraph, AgentCore, AWS Bedrock, Claude, Gemini API, MCP, Tool Calling, Prompt Engineering, Multi-Agent Orchestration, LLM Integration, NLP
RAG & Knowledge Systems: RAG, GraphRAG, Knowledge Graphs, Neo4j, Cypher, OCR
AWS & Cloud Infrastructure: AWS (Bedrock, AgentCore, S3, CloudWatch), Docker, Runtime Observability, Boto3, CI/CD
Enterprise Integrations & Automation: Nango, MCP Servers, REST APIs, Webhooks, n8n, Zapier
Languages & Data: Python (Pandas, NumPy), Java, JavaScript/TypeScript, SQL, EDA
Frontend & Backend: React.js, Next.js, Node.js, FastAPI, Django
Databases: PostgreSQL, MongoDB, Firebase, Supabase, Neo4j
Developer Tools: Git, GitHub, JupyterLab, Google Colab
Core CS: DBMS, Data Structures & Algorithms, OOP, Operating Systems, Computer Networks

EXPERIENCE

AI/ML Engineer Intern : Digital Alpha *Sep 2026 – Present*

- Built Python agentic workflows and financial data pipelines on AWS Bedrock and AgentCore for research and automation.
- Developed LLM agents with MCP tool servers, connecting enterprise systems via Nango to act on live financial data.
- Implemented approval workflows, schema validation and idempotency keys, preventing duplicate financial transactions.
- Added CloudWatch logging, per-run cost tracking and edge-case tests for retries, malformed output and partial failures.

Open-Source, AI Automation & Hackathons *2023 – Present*

Built 25+ full-stack and AI integrated apps, AI pipelines and shipped 50+ projects across 70+ public repositories, with 3,000+ GitHub contributions.

PROJECTS

AI Knowledge Graph Workflow (GraphRAG) *n8n, Gemini, Neo4j, Cypher*

- Extracts entities and relationships from text via Gemini, validates them against a schema, and persists them to Neo4j.
- Dynamic Cypher generation lets the agent query the graph and return answers in natural language; read-only guards, validation, safety checks, and error handling across the extract–store–query–respond loop.

AI Scam-Detection & Awareness Agent *n8n, Gemini 1.5 Flash, Telegram, Airtable*

- Multi-stage agentic pipeline: ingests Telegram messages, detects language, and routes to Gemini for contextual scam analysis (phishing, UPI/OTP fraud).
- Generates risk scores, categories, and plain-language explanations; handles Hindi/English input with dynamic language routing; results logged with scheduled trend reports.

Lead Intelligence & Scoring Pipeline *Zapier, Airtable, HubSpot, Webhooks*

- Reasoning layer over raw leads: webhook ingest → schema normalization → rubric lookup → 0–100 ICP scoring with A/B/C tiers and written rationale; auto-creates scored HubSpot deals.

Financer: AI-Powered Financial Intelligence Platform *FastAPI, MongoDB, React, Gemini*

- AI-powered financial advisor: FastAPI and MongoDB backend with portfolio, market, liquidity, and risk models and React dashboards with exportable reports.

EDUCATION

Bachelor of Technology in Computer Science & Business Systems *2023 – Present*
Techno Main Salt Lake, Kolkata (MAKAUT)

Higher Secondary (Class XII, ISC) *2023*
St. Aloysius School

Secondary (Class X, ICSE) *2021*
St. Aloysius School

ACHIEVEMENTS & CERTIFICATIONS

- **Smart India Hackathon**: National Finalist (2024, 2025)
- **Hack4Bengal**: Finalist (2025)
- **IDE Bootcamp**: Finalist (2026)
- **Oracle Cloud (OCI)**: AI Foundations Associate (2025)
- **AWS Academy**: Cloud Architecting (2025)
- **Google AI/ML Virtual Internship**: AICTE (2025)
- **120+ DSA problems solved** on LeetCode (Java)
- **GeeksforGeeks (GFG) Lead**, TMSL (Jan – Jun 2026)
- **Google Student Ambassador**, TMSL (Jul – Nov 2026)
- **Outreach Head**, Educational Society, Techno Main Salt Lake