Sunil Kumar

+91 7087641486 | sunilkumarcodes@gmail.com | linkedin.com/in/sunilcoder | github.com/linuscodes56 | Gurugram, India

Summary

FullStack Developer with Expertise in developing enterprise-grade microservices and **Agentic and RAG Applications** using **Python** deployed on AWS/Azure cloud. Proven expertise in backend architecture, SQL database design, distributed systems, and observability (SigNoz, ELK) delivering 99%+ uptime solutions.

Technical Skills

Programming Languages: Python, SQL, Linux, JavaScript.
Backend Frameworks: FastAPI, Langchain, Langgraph, Flask, REST API Development
Agentic Technology: RAG pipelines, LangChain, LangGraph, LLMs, OCR, OpenAI API's.
Databases: AWS Opensearch Vector Database, FAISS , PostgreSQL, Redis, Clickhouse, Azure Cosmos DB.
Cloud & DevOps: Beacon Platform, AWS/Azure, Docker, CI/CD, Autosys.
Monitoring & Observability: SigNoz, OpenTelemetry, ELK, ClickHouse, Application Performance Monitoring.
Testing & Quality Assurance: DeepEval, Pytest, Unit Testing, Integration Testing, Code Review, API Testing.
Core Competencies: Data Structures and Algorithms, Microservices Architecture, System Design, Distributed Systems, Performance Optimization, Agile/SCRUM, Software Development Life Cycle, Scalable Systems, Git, Github/Gitlab.

Experience

Agentic AI Developer — Feb 2026 – Present
Hashedin By Deloitte — Gurugram, Haryana

Project: ASOP Agent

- Developed multiagentic workflow that reduced human turnaround time from 15 hours to 10 minutes and Added 3 ingestion channels (API, CLI, MS Graph webhook).
- Implemented a Cosmos DB checkpointer and human-in-the-loop workflow with confidence thresholds, enabling stateful agent resume after interruptions in multiagent workflow.
- Architected 3-layered Agentic Microservices with Azure Service Bus pub-sub (3 topics) and Atomic transactional outbox pattern, enabling event-driven communication across Agentic microservices.
- Built DeepEval evaluation pipeline(LLM as Judge) with golden datasets, generating 18+ automated test cases and achieving 95%+ service test coverage.
- Integrated Azure Key Vault for runtime secrets and MS Graph webhooks for real-time mailbox notifications with JWT-validated client-credential flow.
- Refactored 85% of codebase, Integration with Azure Blob Storage, integrated SAP endpoints with OAuth 2.0, CORS middleware, and shipped weekly releases to client environment.

Software Engineer II | Backend Developer — Jan 2023 – Jan 2026
Gemini Solutions — Gurugram, Haryana

Project: AI Resume Parser

- Designed and deployed an OCR + LLM-powered Resume Parser (96.8% accuracy, up from 73%).
- Integrated with ATS to reduce recruiter screening time by 50%.
- Built RAG pipelines with LLaMA-3 8B model and parsed 2500+ resumes.
- Added LLM-based candidate scoring, cutting recruiter shortlisting time by 50% and improving top-candidate precision.
- Built a custom PyTest evaluation suite using a 150+ resume golden dataset to benchmark RAG retrieval accuracy, response quality, and efficiency.

Project: Beacon Observability Platform

- Build custom RAG chatbot within Beacon platform for Internal team, 2x the support team's efficiency.
- Implemented grounded RAG guardrails to enforce domain-only responses and fallback handling for out-of-scope queries.
- Enabled End-to-End Observability tracing with RAG chatbot and integrated it with Signoz.
- Built a semantic search pipeline that ingested emails and wiki documents, generated vector embeddings, and stored them in AWS OpenSearch Vector DB and FAISS(POC) for efficient cosine-similarity-based retrieval.
- Incorporated SigNoz OpenTelemetry observability stack within AWS Cloud, reducing Datadog usage.
- Refactored the SigNoz cluster into decoupled microservices, improving horizontal scalability and supporting a 3x increase in telemetry throughput without downtime.
- Built custom Snowflake connector instrumentation emitting telemetry, enabled observability for Snowflake connector.
- Incorporated S3 with ClickHouse to reduce storage costs by 60% while processing 56M+ telemetry events daily.

Project: Hiring Pipeline

- Designed database schemas, implemented ETL analytics, optimized REST API performance (20s to 200ms).
- Implemented webhook-based, event-driven communication between ATS and MIS, enabling real-time data synchronization.
- Developed notification system using AWS SES with 12+ email templates, improving user engagement and communication.
- Led cross-functional communication between QA and DevOps, resulting in 30% faster deployment and higher uptime.
- Architected RBAC workflow system with parent-child workflows, approval levels, history tracking, Analytics.

Achievements

Rising Star Award | View Certificate | *SigNoz, Beacon, APM* — Jan 2025
On-the-Spot Award | View Certificate | *Backend optimization, database design, System Architecture* — Dec 2023

Education

B.Tech, ECE (8.34 CGPA) — 2019 – 2023
Chandigarh College of Engineering and Technology, Chandigarh