

SUNIL KUMAR GUPTA

Senior AI Engineer · Team Lead · Full Stack Developer

Noida, Uttar Pradesh, India | +91 95608 23213 (WhatsApp) | sunilguptacs12@gmail.com
[linkedin.com/in/sunil-kumar-gupta-b04974b4](https://www.linkedin.com/in/sunil-kumar-gupta-b04974b4) | Portfolio: sunilkumargupta.dev

Open to: remote work globally, or hybrid / full-time roles

PROFESSIONAL SUMMARY

Senior AI Engineer and Full Stack Developer with 7+ years of experience in enterprise application development, now specialising in AI Agents, Agentic Workflows and Retrieval-Augmented Generation (RAG) systems. Builds LangGraph and LangChain pipelines on Python/FastAPI, Node.js and PostgreSQL where AI output is checked against its sources, runs are auditable and retries are safe. Currently Lead Strategist for a Dubai-based client, delivering production Next.js platforms on Docker and AWS. Seeking Team Lead, Senior AI Engineer or Full Stack Developer roles.

TECHNICAL SKILLS

AI & GenAI	OpenAI, Claude, Gemini, Groq (Llama 3.3), Prompt Engineering, RAG, AI Agents, Agentic Workflows, Multi-Agent Systems, Semantic Search, Function Calling
AI Frameworks	LangChain, LangGraph, AutoGen, LlamaIndex
Backend	Python, FastAPI, Node.js, Express.js, PHP, Laravel, CodeIgniter, Django, REST APIs, Microservices, JWT, OAuth 2.0
Frontend	Next.js, React.js, Angular, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap
Databases	PostgreSQL, MySQL, Redis, ChromaDB
Cloud & DevOps	AWS, Docker, Linux, Nginx, GitHub Actions, CI/CD

PROFESSIONAL EXPERIENCE

Lead Strategist | Sun and Sand Facility Management

May 2026 – Present

Remote · Dubai, UAE

- Delivered [sasfm.co](#) for SASFM, an integrated facility management company in Dubai since 2006: services, insights and research, projects, and enquiry flows for free snagging inspections and FM quotes.
- Delivered [rootedthedocumentary.com](#), a streaming-style site for *Rooted*, a 7-episode documentary series on Sun and Sand Developers' journey in Dubai.
- Both run on Next.js and Node.js with PostgreSQL, containerised with Docker and deployed on AWS servers.

Senior Software Developer | Quick Touch Technologies

Oct 2024 – Apr 2026

- Led development of AI-powered enterprise applications, driving architecture and delivery across the stack.
- Designed and built AI Agents and Agentic Workflows that automate complex, multi-step business processes.
- Architected Retrieval-Augmented Generation (RAG) solutions and FastAPI services for enterprise automation platforms.

Senior Programmer Analyst | CSM Technologies

Oct 2023 – Jul 2024

- Developed enterprise applications for the Food Corporation of India (FCI) and the Central Water Commission (CWC).
- Built and maintained REST APIs with Laravel and Angular for large-scale government systems.
- Managed high-volume databases, keeping performance and reliability steady at scale.

Senior Software Engineer | Misha InfoTech Pvt. Ltd.

Apr 2021 – Aug 2023

- Developed enterprise applications using Laravel, Angular and MySQL.
- Designed and implemented scalable RESTful APIs for core business functionality.

Software Developer | Appsquadz Software Pvt. Ltd.

Dec 2019 – Feb 2021

- Developed enterprise web applications and integrated REST APIs across client projects.
- Optimised database performance and delivered projects on schedule for multiple clients.

PHP Developer | Franchise World Pvt. Ltd.

Jul 2018 – Dec 2019

- Built franchise management portals and workflow automation systems.
- Delivered API integrations and reporting modules supporting business operations.

FEATURED AI PROJECTS

AI Business Operations Copilot

Case study ↗

Python, FastAPI, Next.js, PostgreSQL, Redis, Docker, OpenAI, Claude, Gemini, LangChain, LangGraph, ChromaDB

- Designed an enterprise-grade RAG architecture and built AI Agents and Agentic Workflows for automated business operations.
- Implemented semantic search with ChromaDB and secure FastAPI APIs for AI-powered services, with document ingestion pipelines for PDF, DOCX, Excel and CSV files.
- **Impact:** reduced document search time by over 80%, automated document analysis and reporting workflows, and enabled natural-language interaction with enterprise knowledge repositories.

Groundswell — AI Weekly Product Review Pulse

Case study ↗

Python, FastAPI, Next.js, TypeScript, PostgreSQL, LangGraph, LangChain, Groq (Llama 3.3), Google Docs API, Gmail API, Docker

- Designed and built a multi-agent LangGraph pipeline that ingests public App Store and Google Play reviews for fintech products (Groww, INDMoney, Kuvera and others), clusters them into themes using embeddings, and generates a stakeholder-ready weekly insight report.
- Architected the full stack: FastAPI backend with JWT auth, Next.js (App Router) dashboard with NextAuth, PostgreSQL for state and audit logging, and a standalone MCP-style microservice integrating Google Docs and Gmail via OAuth 2.0.
- Built a quote-validation node that verifies every AI-generated customer quote against verbatim source text before it reaches the report, eliminating LLM hallucination in a pipeline that ingests untrusted public input.
- Engineered idempotent, fully auditable runs (unique per product and week, no duplicate reports or emails on re-run) with PII scrubbing, prompt-injection hardening and retry logic for LLM rate limits.
- Verified end to end on live data: processed 3,400+ real App Store and Play Store reviews for a production fintech app and delivered an actual Google Doc report and Gmail notification through the running system.

Urite AI — AI Content & Book Writer Studio

uriteai.com ↗

Gemini AI, Full Stack Web Application

- Built an all-in-one AI content platform for distraction-free book writing, article generation, code assistance and instant creative writing, powered by Google Gemini.
- Designed a unified studio dashboard for drafting, editing and generating long-form creative and technical content in one AI-assisted workspace.

E-Commerce Platform

Python, Django, PostgreSQL

- Built a full-featured e-commerce application with product catalogue, shopping cart, order management and secure checkout.
- Designed the relational schema and optimised PostgreSQL queries for performance at scale.

KEY ENTERPRISE PROJECTS

- **Food Corporation of India (FCI):** web and admin panel with REST API integration on Laravel and Angular (fci.gov.in).
- **Central Water Commission (CWC):** live monitoring platform tracking the status of 15 reservoirs across India.
- **PMS Official:** project management backend application built on Laravel (pms.swadhasoftwares.com).
- **E-CareerPoint:** e-learning platform with public website and admin panel on CodeIgniter and Angular (ecareerpoint.com).
- **ARIAS Web Application:** public and admin panels built on CodeIgniter with MySQL.
- **Quick Campus:** cloud ERP solution for enterprise operations management (quickcampus.online).

EDUCATION

B.Tech, Computer Science & Engineering — SRMCEM, Lucknow (U.P.T.U.)	2012 – 2016	65.36%
Class XII — U N Inter College, Padrauna, Kushinagar (UP Board)	2010 – 2011	73.60%
Class X — K U M V Inter College, Gulelha, Kushinagar (UP Board)	2008 – 2009	64.33%