# Amit Gupta

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## Skills

- **Programming Languages** : Javascript, Java, Python
- **Libraries and Frameworks** : React, Node.js, Express.js, Flask, Fast API, Next.JS, EDA, Python Libraries, Statistical Modelling
- **Tools** : Generative AI, Visual Studio, REST API, SeaBorn, Google Colab, NumPy, Power BI, Azure, AWS, MySQL, SQL, Microservices, Prompt Engineering, Pandas, Matplotlib, scikit-learn, PostgreSQL, SQL Server, Git, Excel, BigQuery, Docker, postman, Linux/Unix, GitHub

## Experience

**Gen AI/ML Consultant, Solidity Consultant,** Toptal                              Sep 2024 - Present
- Experienced in **RAG pipelines, agentic workflows, and LLM integration** (OpenAI, Gemini, Cohere, HuggingFace, LiteLLM) with tools like LangGraph, ADK, N8n, LangSmith, LangFuse.
- Skilled in **data engineering and analysis** using ETL tools (Pandas, BeautifulSoup, PowerQuery, ODI), databases (Oracle, MongoDB, Snowflake), and statistical methods (Z/T tests, ANOVA, Chi-Squared).
- Hands-on with **LLM deployment and evaluation** (Docker, Ollama, QdrantDB, Neo4j, Gradio, DeepEval)

**Architect and Product Owner,** Emerson                              Sep 2008 - Sep 2024
- Integration Architecture and Development using OIC, Oracle SOA, GoAnywhere, NodeJS, Azure etc.
- Served as Product Owner. Led 3-10 member teams. Well-versed in agile processes like Daily Scrum Calls, 10 wk PI

**Senior Applications Engineer,** Oracle                              Jul 2005 - Sep 2008
- Senior team member in Product team that developed the Oracle Apps R12 and Fusion Apps products

## Projects

### [RAG-Powered PDF Chatbot with LanceDB and Streamlit -works completely offline !](#)
- Built a fully **offline RAG system** supporting document uploads (PDF, HTML, etc.) with complete data privacy
- User can add any document (PDF, HTML, etc). **Docling** parses the document into text and info is saved as embeddings in **LanceDB** vector store. **Gemma3 LLM** is then used for processing user queries.
- Everything runs on consumer grade hardware, so total privacy and economical setup with zero running cost
- Tech Stack: Python, Docling, LanceDB, Ollama, Gemma3, Docker, StreamLit

### [CompanyProductBot - PDF RAG based ChatBot](#)
- Client had 150+ technical PDF documents that were regularly accessed by their customers.
- Built a Chain-of-thought based **RAG Q&A system** enabling users to query proprietary data from the PDFs
- **Tech Stack:** Python, OpenAI API, QdrantDB, Docker (PoC implementation).

### [ChatWithERP: AI-Powered Email to HCM Cloud Integration](#)
- Vendors regularly reach out to our organization's customer care regarding status of their invoice.
- In order to automate resolution of such queries, an innovative AI based system was developed
- Reduced resolution time **from ~3 days to near real-time**, significantly lowering manual workload.
- **Tech Stack:** OIC with OCI Gen AI (Cohere) to extract intent/parameters and trigger HCM Cloud REST API.

### [Enterprise File Exchange Platform Tech Lead](#)
- **Led development of a central file exchange platform** for all Emerson verticals, using Oracle SOA Suite to automate secure transfers (SFTP, FTPS, HCM Cloud) with encryption, decryption, zipping, and delivery.
- **Improved productivity** by building a Java utility to auto-generate code, streamlining dev and deployment

### [Personal Project - Agent based Mini Cursor](#)
Coding AI assistant that generates files/folders with code. Uses CoT workflow (Start–Plan–Action–Observe–Output)

### [Personal Project - Mathematics Tutor using ElevenLabs](#)
LIVE conversational Math tutor that listens and speaks. Can teach any topic -Trigo, Stats, Linear Algebra

## Education

**BITS Pilani,** ME/M.Tech                                                                                          2005
*M.E. Software Systems, Full-time, On-campus, Class Topper CGPA 10/10*

**Delhi Technological University (DTU) formerly Delhi College of Engineering (DCE),** BE/B.Tech/Bs          2002
*Full-time, On-campus, Class Topper*

## Achievements

2025

**Oracle Fusion AI Agent Studio Foundations Associate - Rel 1**/ *Oracle Corporation* | *Verification Link*
**Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate**/ *Oracle Corporation* | Verification Link

2024

**Build an initial copilot with Microsoft Copilot Studio**/*Microsoft Learning* | Verification Link
**Applied Accelerated Artificial Intelligence**/*IIT Palakkad through NPTEL Topper 95+ Percentile* | Verification Link
**Introduction to Machine Learning**/ *IIT Kharagpur through NPTEL Topper 98+ Percentile* | Verification Link
**Certified SAFe® 6 Product Owner/Product Manager**/ *Scaled Agile Corporation* | Verification Link

2023

**ChatGPT, Midjourney, DALL-E3 & API Development**/ *Udemy* | Verification Link
**Certified SAFe® 5 Agilist** / *Scaled Agile Corporation* | Verification Link
**Certified SAFe® 5 Practitioner**/ *Scaled Agile Corporation* Verification Link

2022

**Blockchain and its Applications**/ *IIT Kharagpur through NPTEL Topper 99+ Percentile* | Verification Link

2017

**1Z0-808 Java SE 8 Programmer I ID: OC1680576** / *Oracle Corporation* | Verification Link

2003

**Oracle Database PL/SQL Developer Certified Professional**/ *Oracle Corporation*