

Rohit Yadav

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EDUCATION

National Institute Of Technology, Kurukshetra
Bachelor of Technology in Computer Science

Haryana
Aug 2023 – May 2027

EXPERIENCE

AEH Intern

Jun. 2026 – Jul. 2026

Accenture

Mumbai

- Built custom AI/ML and cloud-integrated solutions for real-world client problems in a hyper-agile delivery environment.
- Gained hands-on enterprise exposure to Microsoft Azure, AWS (Bedrock), and Google Cloud platforms.

Software Intern - Backend

Jun. 2025 – Aug. 2025

Lepton Software

Gurugram

- Built a Python/LangGraph multi-agent AI, orchestrating SQL and APIs for conversational data analysis.
- Developed a Dockerized Elasticsearch backend to power high-speed similarity search and automated geocoding.

PROJECTS

LegacyGraph-MCP Server | *Python, FastMCP, Tree-sitter, NetworkX, Smithery, Docker*

March 2026

- Engineered an MCP server mapping legacy C++ into queryable knowledge graphs, accelerating AST ingestion 30x via multi-core processing to index 1.15M+ nodes in under 10 minutes.
- Containerized with multi-stage Docker for hybrid stdio and HTTP deployments, scaling to handle 20k+ RPC calls and 10k+ global AI agent sessions via Smithery.

DemystDocs.AI | *Python, FastAPI, React, Supabase, Google Cloud Platform, GitHub*

Sept 2025

- Built an end-to-end document intelligence platform integrating OCR, RAG, and vector search to enable scalable document processing workflows.
- Designed and delivered high-performance RESTful APIs deployed on GCP to ensure low-latency, seamless interaction with large data sets.

AI Assistant for SmartMarket.ai | *Python, LangGraph, LangSmith, FastAPI, SQL, Docker, GitHub*

June 2025

- Designed an autonomous multi-agent system using LangGraph to orchestrate complex multi-step reasoning across distributed APIs and databases.
- Improved data accessibility and business decision-making via an adaptive, agent-driven framework for conversational analysis.

Intelligent Address Matching System | *FastAPI, Python, Gemini API, Elasticsearch, React, GitHub*

July 2025

- Built a robust FastAPI backend to dynamically load and process data from Google Sheets, utilizing the Gemini API for intelligent text analysis.
- Optimized data retrieval workflows with Elasticsearch to deliver highly accurate, real-time fuzzy matching and API-driven lookup capabilities.

TECHNICAL SKILLS

Languages: Python, C/C++, Java, SQL (Postgres), HTML/CSS

Concepts & Architecture: RESTful APIs, Microservices, Observability (Telemetry/Metrics), Graph RAG, JSON-RPC

Frameworks & Tools: FastAPI, LangGraph, FastMCP, Tree-sitter, NetworkX, LangChain, React, Pandas

Cloud & DevOps: Google Cloud Platform (GCP), Docker, Git, Postman, Elasticsearch, Supabase, HF Spaces

Coursework: Data Structures & Algorithms, Machine Learning, Object-Oriented Programming, Database Management Systems, Linear Algebra

ACHIEVEMENTS & CERTIFICATIONS

Goldman Sachs India Hackathon (GSIH) 2026 – CS Track: Secured AIR 159 among 16,000+ participants.

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

Supervised Machine Learning: Regression and Classification

Solved 550+ problems on various coding platforms