

# AYUSH CHOUGULA

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## OBJECTIVE

Computer Science undergraduate specializing in full-stack AI development, LLM integrations, and advanced workflow automation. Hands-on expertise building voice agents, custom data pipelines, and intelligent reasoning engines. Recognized for balancing deep technical engineering with analytical problem-solving to optimize system performance and efficiency.

## EDUCATION

**MIT ADT University – School of Computing**

*B.Tech in Computer Science and Engineering | CGPA: 8.51/10*

Pune, India

*Aug 2023 – Jul 2027*

## TECHNICAL SKILLS

**Generative AI & LLMs:** Prompt Engineering, LangChain, Agentic AI, RAG Pipelines, LLM Evaluation, Gemini API

**AI Automation Tools:** n8n, Retell, Vapi, Dograh, ElevenLabs, AI Voice Agents, Workflow Automation

**Integrations:** Gmail API, Meta WhatsApp API, OAuth2, Browser/Chrome Extension Development

**Programming & Backend:** Python, FastAPI, Node.js, JavaScript, REST APIs

**Business Productivity Tools:** MS Excel, PowerPoint, Business Analysis, Tableau

**Cloud:** Amazon Web Services (AWS), Google Cloud Platform (GCP), Firebase, Supabase

## EXPERIENCE

**Quensulting AI LLP**

*AI Voice Agents and Automation Intern*

Pune, India

*May 2026 – Present*

- Designing and building AI voice agents (Retell, Vapi, Dograh, ElevenLabs) for real business use cases, focusing on reliable conversations, tool integrations, and task completion.
- Building automation pipelines using n8n and FastAPI that connect AI systems with software tools, data sources (Meta WhatsApp API), and business processes to reduce repetitive manual work.
- Applying prompt engineering and RAG-based agentic workflows to improve response accuracy and task reliability across voice and chat-based automations.

**Persistent Systems Inc.**

*GenAI Intern*

Pune, India

*Sep 2025 – Apr 2026*

- Built a Digital Twin Agent for email reply drafting that models a user's language style from historical communication patterns, using Gemini API, Gmail APIs, and a browser extension pipeline.
- Designed LLM workflows, prompt engineering strategies, and RAG pipelines on Google Cloud to improve reliability and reduce hallucinations in production AI features.
- Built automated evaluation loops with self-reflection scoring and rule-based validators to benchmark LLM output quality and support production readiness.

## PROJECTS

**AndhaKaanun – AI Legal Reasoning Assistant** | *FastAPI, Groq (Llama 3), Pinecone, RAG*

2025

- Built a RAG-based assistant that ingests real-world case descriptions and generates grounded legal arguments using retrieval over Indian law references, minimizing hallucinated outputs – a use-case model for grounded business Q&A systems.

**Research Saathi – Multi-Agent RAG Assistant** | *LangChain, Agentic AI, Embeddings*

2025

- Built a multi-agent system combining vector retrieval with reasoning agents for structured, cited knowledge extraction – demonstrating AI-assisted research and report generation applicable to business analysis workflows.

**Email Digital Twin – AI Email Persona Engine** | *Gemini API, Gmail API, Chrome Extension*

2025

- Built an AI system that models a user's email communication style from historical data and generates context-aware reply drafts, reducing manual editing effort – a direct example of AI-driven productivity automation.

**LLM Evaluation Framework** | *Python, Prompt Engineering, A/B Testing*

2025

- Designed an automated evaluation pipeline using self-reflection scoring and rule-based validators to benchmark LLM response accuracy and reduce hallucination rates across prompt versions.

## CERTIFICATIONS

AI for Everyone – DeepLearning.AI (Feb 2025) | AWS Cloud Practitioner Cloud Quest – Amazon Web Services (Jan 2024) |

Programming in Python – Meta (Feb 2025) | Computational Thinking for Problem Solving – Penn Engineering (Dec 2023)

## ACHIEVEMENTS

**Top 50 Teams in India** – VOIS Hackathon (Feb 2026) | **Winner** – Black Pearl 24-Hour Cybersecurity Hackathon (Nov 2025)

**Runner-Up** – Shodh 3-Day Hackathon (Apr 2025) | **First Prize** – DSA CodeChef x GeeksForGeeks Bootcamp (Apr 2024)