DEVGOSWAMI DEBANSHU

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EDUCATION

Bachelor of Computer Science, C.V.Raman Global University 2022 - 2026
Relevant Coursework: DBMS, Object-Oriented Programming, Artificial Intelligence, Software Engineering.

XII, ISC, Seventh Day Adventist Higher Secondary School 2020 - 2022

SKILLS

Languages	Python, Java, JavaScript, TypeScript
AI/ML	Machine Learning, Deep Learning, LLMs, RAG, AI Agents, Embeddings, LangChain, LlamaIndex
Development	React, FastAPI, REST APIs, Pydantic, Docker, Git, Postman
Databases	PostgreSQL, Supabase, ChromaDB, FAISS

EXPERIENCE

AI Engineer Intern June 2026 - September 2026
PrognosLabs *Remote*

- Replaced manual, time-bound campaign triggers by building a scheduling workflow in FastAPI, enabling advertisers to queue campaign actions for future execution.
- Automated recurring campaign operations by developing cron-based background execution in a FastAPI backend, improving team productivity by 60%
- Eliminated one-by-one campaign edits by building a CSV bulk editor with row-level validation and status tracking, enabling multi-campaign updates in a single upload.
- Led a research study on LLM caching to reduce inference costs, evaluating caching types (prompt, semantic, KV) and benchmarking savings across multiple models to guide cost-optimisation decisions.

Associate AI Engineer Intern April 2026 - June 2026
AgentraTech AI *Remote*

- Built an AI-powered bank loan agent to handle customer conversations via calls, collect loan-related information, and convert natural-language responses into structured application fields.
- Developed a Python-based URL file-ingestion workflow to download videos and other files from shared URLs, detect file types, and prepare them for downstream AI processing.

PROJECTS

YC Match – AI-Powered Startup Matching Platform. Built an AI-powered platform to match resumes with 6,295 YC startups using similarity-based ranking and LLM reranking, with tailored outreach draft generation. Recorded 1,863 visitors and 4,888 page views within 9 days of launch. (Live Demo) (GitHub)

Document QA Chatbot (RAG). Built a RAG-based document QA system using LangChain, ChromaDB, embeddings, and LLMs, enabling semantic retrieval and context-aware answers from uploaded documents. (Github)

HealthGPT – AI-Powered Symptom Analysis Chatbot. Built a medical query assistant using LLMs capable of understanding symptoms and generating safe, contextaware responses. Implemented a retrieval-augmented architecture (RAG) to improve medical accuracy using domain-specific. (Github)

EXTRA-CURRICULAR ACTIVITIES

- Member of the Debating Society – enhanced public speaking, argumentation, and critical thinking skills.
- Member of the Chess Club – represented college in competitive matches, improving strategy.