

PRASAD CHAVAN

SOFTWARE ENGINEER | AI ML ENGINEER

Jalgaon, MH, INDIA | +91 76661-28710 | prasadchavan1203@gmail.com | [LinkedIn](#)

CAREER SUMMARY

AI Engineer developing LLMs and automation systems, with experience in building GPT models, RAG pipelines, and task-specific AI \ agents. Background includes Python, NLP, TensorFlow, transformers, prompt engineering, and full-cycle AI project implementation.

EDUCATION

Bachelor of Engineering (B. E) – Computer Science

2021 – 2025

Kaviyatri bahinabai North Maharashtra University, MH, INDIA

Cumulative GPA: 7.26/10.0

PROFESSIONAL EXPERIENCE

Vizuara, Pune, India

Jan 2025 – Present

- Designed 6-grade AI & Robotics curriculum for ICSE, creating 100+ textbook pages, 30+ presentations, and 20+ practical modules using AI concepts like Ethics and Emotion Detection.
- Developed interactive AI-based modules, improving student engagement by 40% and reducing concept delivery time by 25%.

Ranqinxz, Jalgaon, India

Jan 2025 – Feb 2025

- Implemented RAG pipeline using OpenAI GPT & Qdrant; indexed 2,000+ documents and integrated semantic search for 3 business use cases.
- Improved query response accuracy by 35% using advanced prompt engineering and reduced manual search effort by 50%.

Simple Sphere Technologies, Jalgaon, India

Dec 2024 – Feb 2024

- Built an AI agent to analyze 1,000+ user profiles and auto-generate cold call/email scripts, saving ~10 hours/month for the sales team.
- Automated product and content workflows using Python and LangChain, reducing manual effort by 40% across 2 teams.

Algobrain AI, Surat, India

Oct 2024 – Dec 2024

- Created text-to-PPT pipeline using LLMs, generating 150+ structured presentations with 100% format consistency and 20% higher delivery speed.
- Fine-tuned Open Hermes Llama 8B model using QLoRA on synthetic chat datasets, improving role-based inference accuracy by 28%.

SKILLS & COMPETENCIES

- Languages:** C, Python, C++
- Frontend:** HTML5, CSS3, Bootstrap
- Backend:** Node.js, Flask, Streamlit, Fast API
- Databases:** MongoDB, SQL Basics
- Tools:** Colab, GitHub, VS Code, OpenCV, Firebase, Vertex AI, N8N, Lang-Flow
- Others:** Data Structures, Book Writing, Transformers, LLM, AI Project Cycle

PROJECTS

Building GPT From Scratch | Tools: Python, Pytorch, NumPy, TensorFlow, Matplotlib

- Engineered a custom GPT model with efficient tokenization and transformer blocks, improving generation accuracy by 30%.
- Applied vector ops and attention mechanisms for hands-on understanding of LLM architecture.

Itinerary Planning Chatbot | Tools: Python, Flask, OpenAI API, SQL

- Devised a travel chatbot with intent recognition and SQL-driven function calling, cutting user planning time by 60%.
- Enabled itinerary and hotel suggestions with 90% response accuracy.

AI Powered Blog Generator | Tools: Fast API, MongoDB, HTML, Python, Lang Chain

- Implemented an API for SEO-friendly blog creation using Gemini Flash, automating 80+ unique posts.
- Integrated encrypted MongoDB storage for secure content flow.

CERTIFICATIONS

- Google's Introduction to generative AI
- Google's introduction to LLM's prompt designing in vertex AI