

HEMANTH CHUNDURU

AI Engineer

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SUMMARY

AI Engineer transitioning from 2+ years as Business Analyst / Acting Product Owner at HealthEdge (enterprise healthcare SaaS). Built production RAG systems, LLM APIs, and NLP dashboards using Python, LangChain, FAISS, and GPT-4o. Combines deep product thinking 8 concurrent projects, ~200 user stories, go-live advanced 4.5 months with hands-on AI engineering.

TECHNICAL SKILLS

AI / LLM	LangChain · FAISS · GPT-4o · OpenAI API · Prompt Engineering · RAG Pipelines · Ragas · ChromaDB
Backend	Python · FastAPI · REST APIs · Pandas · Pydantic · Uvicorn
Dev Tools	Git · GitHub · Jupyter · Postman · VS Code
BA / Product	Jira · Confluence · Figma · SQL · Power BI · Agile/Scrum · BRD/PRD

AI ENGINEERING PROJECTS

Company Knowledge Base RAG System github.com/HEMANTHCHUNDURU/company-kb-rag

- Production RAG chatbot employees query internal PDFs (HR policies, SOPs) in natural language using LangChain, FAISS, and GPT-4o with source citations
- Full ingestion pipeline: PDF loading → chunking → OpenAI embeddings → FAISS; evaluated with Ragas faithfulness 0.91, ~2.3s avg response
- [Python](#) · [LangChain](#) · [FAISS](#) · [GPT-4o](#) · [FastAPI](#) · [Ragas](#) Stack:

Social Sentiment Analyzer github.com/HEMANTHCHUNDURU/social-sentiment-analyzer

- AI dashboard analyzing social media comments upload CSV, GPT-4o classifies sentiment, emotion, and confidence score per comment with AI-written executive summary
- Returns interactive charts, comment highlights, and filterable table built for enterprise bulk export workflows
- [Python](#) · [FastAPI](#) · [GPT-4o](#) · [Pandas](#) · [Chart.js](#) · [HTML/CSS/JS](#) Stack:

EXPERIENCE

Business Analyst / Acting Product Owner · [HealthEdge](#)

Sep 2023 – Mar 2026

- Owned 8 projects in enterprise healthcare SaaS (GuidingCare), managing 2–3 concurrently across Utilization Management and clinical workflows
- Led Service Plan Modernization: ~200 user stories, ~1,000 story points advancing go-live by 4.5 months for a high-value customer rollout
- Documented and validated ~8–12 REST API endpoints via Postman; drove MDR redesign improving clinical review accuracy and compliance traceability
- Leveraged AI-assisted documentation workflows for BRD/PRD early LLM exposure that directly informed transition to AI engineering

Software Engineering Intern · [ARCON](#)

Jan 2023 – Jun 2023

- Supported development and testing of enterprise security solutions; assisted in defect triage, test preparation, and integration checks

EDUCATION & CERTIFICATIONS

B.Tech, Computer Science · [Vellore Institute of Technology \(VIT\)](#) · GPA: 8.12

Jun 2019 – May 2023

The AI Engineer Course 2026: Complete AI Engineer Bootcamp · Maximize Productivity With AI Tools (Google) · AWS Certified Cloud Practitioner · AWS Academy Cloud Foundations · SQL Database · MERN Stack Developer