HRUSHIKESH GOPI

+1(659)-204-0785 | [hrushikesh mail](#) | [linked](#) | [GitHub](#)

SUMMARY

AI Developer and Software Engineer with experience building end-to-end AI-powered applications by integrating Large Language Models (LLMs) with backend APIs, cloud infrastructure, and modern web frontends. Strong background in designing LLM pipelines, real-time and asynchronous AI workflows, and deploying scalable systems using FastAPI, React, Docker, and AWS.

SKILLS

AI & LLM Systems	:	LangChain, LangGraph, LlamaIndex, Hugging Face Transformers, Ollama
Machine Learning	:	Scikit-learn, Pandas, NumPy, NLP
Vector & Data Storage	:	Vector Databases (Qdrant), MongoDB, MongoDB Atlas, PostgreSQL
MLOps & DevOps	:	AWS SageMaker, Docker, CI/CD, Jenkins, ECS, AWS CodePipeline, Amplify
Backend & APIs	:	Python, FastAPI, Django, Flask, Node.js, Java, RESTful APIs, system orchestration
Data Pipelines	:	Airflow
Frontend	:	React, React Native
Testing	:	Pytest, Postman

EXPERIENCE

Software Engineer Intern — Empire Snack Mart LLC | Birmingham, AL   Jan 2025 – Apr 2025
- Designed and developed backend services and APIs supporting a cross-platform mobile application using Django REST, MongoDB Atlas, and React Native for 500+ users.
- Containerized and deployed services using Docker and CI/CD pipelines with Jenkins and AWS CodePipeline; deployed frontend on AWS Amplify and backend on ECS.
- Implemented unit, integration, and end-to-end testing (Jest, Pytest, Postman, Selenium) ensuring production readiness and app store deployment.

Junior Software Developer — PIE InfoComm | Hyderabad, India   Jul 2023 – Nov 2023
- Built backend services using Node.js and Java-based frameworks, designing efficient routing and data processing logic to improve system performance.
- Optimized database queries and backend workflows, reducing response times by up to 40% and improving application scalability.

Data Engineer Intern — Yenplas Pvt Ltd | Hyderabad, India   Jan 2023 – Mar 2023
- Built ELT pipelines using Python, Scrapy, and Splash for real-time data ingestion and transformation.
- Processed large JSON datasets and exposed structured data through Flask APIs; gained hands-on experience with Airflow and Pandas.

PROJECTS

AI Call Assistant / Voice AI System
- Designed an end-to-end voice AI system using Twilio Media Streams and FastAPI for real-time audio ingestion.
- Implemented speech-to-text using Whisper and LLM-based intent extraction to identify caller intent.
- Automated call routing and conversational flow control based on AI-derived intent with a scalable backend architecture.

AI Job Assistant / LLM-Based Job Automation Platform
- Built an AI-driven job application platform where users upload resumes, extract text using Python utilities, and send structured content to an LLM for role identification.
- Implemented an LLM-powered pipeline (Phi-3 via Ollama) using LangChain and LangGraph to determine suitable roles and fetch relevant job listings through integrated tools and APIs.
- Developed a FastAPI backend to serve AI-selected job results to a React frontend, enabling users to apply directly via external job links and interact with an AI chatbot assistant.

EDUCATION

University of Alabama at Birmingham,   December 2025
Master of Science in computer science.

JNTU, Geethanjali college of Engineering and Technology   August 2019-July 2023
Bachelor of Technology in Information technology.