

TECHNICAL SKILLS

LANGUAGES

- Python
- JavaScript
- TypeScript
- SQL
- HTML5/CSS3

AI / ML & GEN AI

- Machine Learning
- NLP
- RAG Systems
- Prompt Engineering
- LLM Integration
- Vector Search
- Embeddings
- Fine-tuning

GEN AI FRAMEWORKS

- LangChain
- Hugging Face
- OpenAI API
- FAISS
- Ollama

FRONTEND

- React.js
- Next.js
- Tailwind CSS
- Responsive UI

BACKEND & APIS

- FastAPI
- Flask
- REST API
- Streamlit

DATABASES

- MySQL
- PostgreSQL
- MongoDB
- FAISS Vector DB

CLOUD & DEVOPS

- AWS
- GCP
- Docker
- CI/CD
- n8n

ANALYTICS & TOOLS

- Power BI
- Jupyter
- Git / GitHub
- Postman
- VS Code

VIBE CODING

- AI-Assisted Coding
- Prompt-to-Code
- Rapid Prototyping
- AI Pair Programming

CERTIFICATIONS

Professional Certification in Data Analytics & Data Science

KGiSL MicroCollege · Feb 2026

[View Certificate ↗](#)

Internship Completion Certificate – Data Science & Analytics

KGiSL MicroCollege · Mar 2026

[View Certificate ↗](#)

PROFESSIONAL SUMMARY

Motivated **Full Stack + AI Developer** with hands-on experience building **RAG-based chatbots**, ML pipelines, and full stack web applications. Proficient in **Python, React, FastAPI, LangChain**, and **FAISS**, with practical exposure to LLM integration, vector search, and Gen AI workflows. Completed an industry internship delivering end-to-end AI and analytics projects. Immediate joiner targeting **Full Stack + AI** and **AI/ML Developer** roles at MNCs and AI startups across India.

EXPERIENCE

AI/ML & Full Stack Engineer

Nov 2025 – May 2026

XYLOINC Technologies Pvt Ltd

- Working on AI/ML and full-stack development projects using Python, React.js, Next.js, FastAPI, and modern web technologies.
- Developing AI-powered applications, including RAG-based chatbots, intelligent automation workflows, and LLM-integrated systems.
- Building responsive frontend interfaces and backend APIs with clean architecture, reusable components, and scalable service patterns.
- Working with databases, API integrations, data processing, model workflows, and deployment-ready application development.

INTERNSHIP

Data Analytics & Data Science Intern

Aug 2025 – Nov 2025

KGiSL MicroCollege

- Designed and deployed a **RAG-Based Knowledge Chatbot** using LangChain, FAISS, and Hugging Face for intelligent document Q&A.
- Built a content-based **Movie Recommendation System** with Scikit-learn and Streamlit, enabling personalised suggestions.
- Executed end-to-end ML workflows: data preprocessing, feature engineering, model training, and performance evaluation.
- Conducted data analytics and built dashboards using Python and Power BI; experimented with Ollama for local LLM prompt engineering.

PROJECTS

Social Media Automation Platform

Next.js · TypeScript · Python · FastAPI · OpenAI API

Built an AI-powered **social media automation platform** that allows users to generate engaging post content, schedule posts, and publish across LinkedIn, Instagram, and Twitter/X. Integrated OpenAI for content generation, FastAPI backend services, and a Next.js TypeScript frontend for a smooth user experience.

RAG-Based Knowledge Chatbot

Python · LangChain · FAISS · Hugging Face · Ollama · Embeddings

Built an intelligent chatbot leveraging **Retrieval-Augmented Generation** to retrieve context-aware answers from custom documents. Implemented semantic search, FAISS vector indexing, and LLM-powered response generation with support for scalable document Q&A.

Movie Recommendation System

Python · Scikit-learn · Pandas · Streamlit · ML

Developed a **content-based filtering** recommendation engine using cosine similarity for personalised movie suggestions. Delivered via an interactive Streamlit UI with real-time search and responsive design.

EDUCATION

Bachelor of Science – Computer Science

2022 – 2025

KG College of Arts and Science, Bharathiar University

CGPA: **8.6 / 10** (81.7%) · Final Year Project: Online Auction System for Police Seized Bikes

Coursework: Data Science · Machine Learning · DBMS · Web Development · Python Programming · Data Analytics