Ariyan Roy

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Profile

I'm a Computer Science student at VIT-AP, passionate about building backend and data analytics. I have experience in Java based web development using springboot . I am currently learning Node js and RAG to build Context based AI search tools.

Skills

- Development: HTML, CSS, Springboot,JavaScript.
- Databases: SQL,Mongodb
- Programming Languages : Java,C.
- Data Analytics: R,Python
- AI and Deep Learning Frameworks : RAG,LangChain
- Cloud : AWS

Education

Vellore Institute of Technology, BTech in Computer Science   Sept 2022 – July 2026
- CGPA: 8.06

RamaKrishna Mission Vidyalaya , All India Secondary School Examination
- Percentage : 89

RamaKrishna Mission Vidyalaya , All India Senior School Certificate Examination
- Percentage : 83.8

Projects

E-commerce Website
- Developed a E-commerce Website using springboot that can be used to from both consumer side to order products and seller side to update product and manage inventory

RAG-Powered Chatbot
- Built a chatbot powered by Retrieval-Augmented Generation (RAG) to scan books and provide accurate, context-aware answers to user queries. Implemented Python, LangChain, Hugging Face Models ,Gemini API, and FAISS for embedding generation and retrieval.The project demonstrated my ability to integrate NLP, vector databases into a practical AI application .

Messaging App Clone
- Developed a cross-platform messaging app with features like real-time one-on-one chat, user authentication .

Certifications and Achievements

MongoDB Certified Associate Database Administrator

Oracle Cloud Infrastructure 2025 Certified Foundations Associate

Microsoft Certified: Azure AI Fundamentals

Naukri contest winner : Rank 1

CodeChef 2 star Rated