Krishna Chaitanya

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PROFESSIONAL SUMMARY

Passionate Information Technology undergraduate with a strong foundation in **Software Development**, **Cloud Computing**, and **DevOps automation**. Skilled in developing scalable web applications and deploying production-ready systems using **AWS**, **Docker**, and **CI/CD pipelines**. Adept at full-stack development with **React**, **Node.js**, and **FastAPI**, focused on delivering efficient, reliable, and high-performance solutions.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python

Web / Backend Development: React.js, Node.js, Express.js, REST APIs, JSON, WebSockets

Databases: MongoDB, SQL

DevOps & Cloud: Docker, GitHub Actions, GitLab CI/CD, Jenkins, Terraform (Learning), Linux

Version Control & Collaboration: Git, GitHub, GitLab

Fundamentals: Data Structures & Algorithms, OOP, DBMS, OS, Computer Networks , cloud Computing

Soft Skills: Communication, Analytical Thinking, Adaptability, Problem Solving, Collaboration, Leadership

EDUCATION

Keshav Memorial Institute of Technology	Expected June 2026
B.Tech in Information Technology (GPA: 7.14 / 10)	*Hyderabad, India*
Narayana Junior College	May 2022
Intermediate — Math, Physics, Chemistry (96.7%)	*Hyderabad, India*
Brilliant Grammar High School	June 2020
SSC (GPA: 9.7 / 10)	*Hyderabad, India*

PROJECTS

Production-Grade RAG FAQ Chatbot (College Bot) | *GenAI • FastAPI • MERN • Hugging Face*   GitHub Link — Live Demo
- Developed and deployed a **cloud-native RAG-based chatbot** for college FAQs using **FastAPI** and **React.js**.
- Integrated **Zilliz Cloud** (vector DB) and **OpenRouter.ai LLMs** for contextual retrieval and generation.
- Implemented real-time **streaming responses** with sub-**1500 ms** latency.
- Containerized backend with **Docker** and deployed on **Hugging Face Spaces**.

Registration Info LLM | *AI-powered Public Info Guide • MERN Stack*   GitHub Link
- Built an AI-driven Q&A system using **NLP** and **RAG** for public registration information retrieval.
- Designed scalable backend with **Node.js & Express.js** and optimized query performance.

CERTIFICATIONS

Full Stack Web Development — 100xDevs by Harkirat Singh   Certificate
- Completed comprehensive training in MERN Stack — React.js, Node.js, Express.js, MongoDB, and deployment pipelines.

Generative AI Workshop – LLMs & Hugging Face — Cuvette Tech   Certificate
- Gained hands-on experience building NLP-powered chatbots, summarization tools, and text-generation applications.

AWS SimuLearn Certifications — AWS Training & Certification   Certificate
- Completed "Cloud First Steps" and "Cloud Computing Essentials," learning cloud architecture and AWS fundamentals.