

YOGENDRA SINGH

B.Tech Computer Science&Engineering | AI/ML&Generative AI
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PROFESSIONAL SUMMARY

B.Tech Computer Science&Engineering student with hands-on experience developing AI, machine learning, web, and chatbot-based projects. Interested in Artificial Intelligence, Machine Learning, and Generative AI, with practical experience in Python, Java, JavaScript, HTML/CSS, RAG-based applications, and computer-vision projects. Seeking an entry-level opportunity/internship to apply technical skills and build real-world AI solutions.

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow

B.Tech – Computer Science&Engineering	(2023–2027)
Morning Rays Inter College	Intermediate (12th) (2022–23)
Krishna International J.H.S.H.K Agra(U.P)	HighSchool(10th) (2020–21)

TECHNICAL SKILLS

PROGRAMMING: C, Python, Java
WEB: HTML, CSS, JavaScript
AI/ML: Machine Learning, AI, NLP, RAG Basics
TOOLS: Git, GitHub, VS Code

PROJECTS

- **AI-Based Real-Time Sign Language Recognition&Speech Conversion System**
Python | Computer Vision | Machine Learning
 - Developing real-time hand/sign recognition using camera-based computer vision.
 - Designed to convert recognized signs into text/speech for accessible communication.
 - Working on hand detection, gesture recognition and real-time implementation.
- **RAG-Based Documentation Question Answering Chatbot**
PYTHON | RAG | LLM | PDF Processing
 - Developed a document-grounded Q&A workflow using Retrieval-Augmented Generation.
 - Implemented document ingestion and retrieval for PDF-based question answering.
 - Focused on grounding generated answers in retrieved document content.

INTERNSHIP EXPERIENCE

Artificial Intelligence Intern – Valentius Kryptix

15 September 2026 – Present | 3 Month Internship
.Working on Artificial Intelligence and Machine Learning related tasks and projects.
.Gaining hands-on experience with Python, AI/ML tools, and real-world AI workflows.
.Applying programming and problem-solving skills to practical internship assignments