



OM MORE

PROFILE

Computer Science student with hands-on experience building AI-powered systems across the full stack, from RAG pipelines and multimodal inference to REST API design and production-ready web applications. Proficient in Python, C/C++, and TypeScript, with applied experience in PyTorch, OpenCV, and Hugging Face for model integration and deployment. Built real-world AI products including a construction cost estimation chatbot backed by retrieval-augmented generation. A drone imagery optimization tool leveraging Google's Gemini API under hackathon conditions with measurable outcomes. Passionate about designing intelligent systems that bridge the gap between raw model capability and practical, domain-specific utility.

CONTACT

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🌐 LinkedIn

🌐 Website

📁 GitHub

CERTIFICATIONS

- Google UX Design
- Meta backend developer
- Tableau
- Python with Meta
- Business Intelligence analyst
- Export Import goods management
- REST API's
- Software Development

PROJECTS

- **Esti-Mate AI:** AI chatbot for construction cost estimators to query historical project data, compare labor/material costs, review permit fees, and analyze project insights.
- **Serenata App (HackWestTX, Sept 2024):** Built an intelligent music recommendation app designed to refine and personalise song suggestions using user preferences and facial recognition.
- **Red Wine Quality Classifier (ENGR 1330 Course Project):** Implemented a machine learning model to classify the quality of red wine based on chemical properties, showcasing data preprocessing, analysis, and classification techniques.
- **AI RAG Chatbot (Google Developer Groups Workshop):** Gained hands-on experience in building a Retrieval-Augmented Generation chatbot with capabilities similar to ChatGPT, integrating LLMs with custom knowledge sources.

EDUCATION

TEXAS TECH UNIVERSITY, TX, USA
Bachelor of Computer Science
2024 - 2028

PUNE UNIVERSITY, INDIA
High School
2022 - 2024

SKILLS

C/C++

Python

MongoDB

Assembly

JavaScript

TypeScript

SQL

REST API's

JWT Authentication

EXPERIENCE

Marketing Tech Coordinator (Nov. 2024) HOT Management Company, Dallas TX

- Actively manage marketing for vacation cabin "Heart O' Texas" located in Broken Bow, Oklahoma.
- Design and create visual content including Instagram and Facebook posts, promotional flyers, and branded templates to maintain digital presence.
- Produce high quality brand photography for marketing materials, enhancing the cabin's visual identity and appeal across social media.
- Develop brand assets such as business cards and posters, aligning all marketing collateral with the property's image and customer experience goals.

Jr. Product Design Analyst (Jun - Aug 2022) World Of Wood, India

- Collaborated with a Senior Product Designer to analyse historical design data, identifying inefficiencies and material waste patterns.
- Conducted in-depth data analysis to uncover critical areas for improvement in past product designs.

COURSEWORK

Software Engineering

Data Structures & Algorithms

Linear Algebra

Intro to Artificial Intelligence

Object Oriented Programming

HIGHLIGHTS

- 2 time Science fair winner
- 2 time hackathon winner (HackWestTX 2024 & 2025)
- Tech and Hackathon Lead (Major League Texas Tech)