SIBMAH HADASSAH BANDELA

hadassahbandela@gmail.com | +917396623038 | Hyderabad
Linkedin | **GitHub**

EDUCATION

Nalla Narasimha Reddy Group of Institutions   Hyderabad, India
Computer Science and Engineering, Bachelor of Technology   December 2021 - May 2025
GPA: 8.70

EXPERIENCE

Sangam Solutions | Generative AI Intern   Hyderabad, India | June 2024 - July 2024
- Developed an AI-powered chatbot using LangChain, enhancing customer engagement and streamlining support processes
- Implemented Neo4j graph database for complex data relationships, optimizing chatbot responses, and integrated FastAPI for high-performance backend services
- Automated critical workflows using Workato, resulting in a 10% reduction in manual tasks and improved operational efficiency

TLC Group India | IoT Application Design Intern   Hyderabad, India | July 2023 - August 2023
- Developed and implemented real-world IoT - applications, integrating various sensors and optimizing data management processes
- Leveraged C# programming and specialized IDEs to create efficient, scalable IoT solutions for diverse industry applications, implementing robust data processing pipelines

SKILLS

Programming Languages:	C/C++, Java, Python
Libraries/Frameworks:	JavaScript, React, LangChain, LlamIndex, TensorFlow, PyTorch, NLTK, FastAPI, OpenCV
Tools / Platforms:	Workato, Git, VS Code, PowerBI, Swagger UI, CI/CD
Databases:	SQL, MongoDB, Deep Lake, Neo4j

PROJECTS / OPEN-SOURCE

VisaVanguard: AI-Powered Chatbot For Immigration   *LangChain, Deep Lake, React, FAISS*
- Engineered FastAPI backend with OpenAI GPT and LangChain for advanced NLP and context-aware responses
- Developed React-based multi-lingual interface for seamless user interaction with AI chatbot
- Implemented efficient data retrieval using vector stores (DeepLake, FAISS) for accurate, contextual information access

SecureView: IoT-Enabled Intelligent Doorbell Platform   *Rasberry Pi, Debian, OpenCV, FER*
- Engineered IoT smart doorbell using Raspberry Pi with integrated camera for facial recognition and threat detection
- Developed Python-driven motorized door control mechanism, integrating hardware with Raspberry Pi system

CERTIFICATIONS

- Generative AI
- Full Stack Web Development
- Design of IoT Applications
- Data Analytics

HONORS & AWARDS

- Won 3rd Place at the National Level Hackathon on Generative AI NNRG 2024
- Won Best Speaker Award at the Women's Day Summit NNRG 2022
- Won Best Delegate at Model United Nations NNRG 2024