

VELURU HITHA

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EDUCATION

Presidency University

B.Tech in Computer Science (Data Science)

Bangalore, Karnataka

Expected Graduation, June 2025

CGPA: 8.35

CAREER OBJECTIVE

Enthusiastic and detail-oriented B.Tech student in Computer Science (Data Science) with hands-on experience in NLP, machine learning, and data analytics. Seeking a full-time internship to build real-world AI applications using LLMs, REST APIs, and cloud platforms. Passionate about leveraging generative AI and deep learning to deliver impactful solutions.

PROJECTS

Deep Research AI Agentic System

Apr 2025 – Present

Built a dual-agent AI system using LangChain, LangGraph, and Tavily API to perform deep research and draft detailed answers. The Research Agent collects data from the web using Tavily, and the Drafting Agent uses GPT-4 to write high-quality responses. The system was deployed and tested in a Colab environment.

Intelligent Skin Disease Detection System

Feb 2025 – Present

Developed a CNN-based model to classify seven common skin diseases using the DermNet dataset. Conducted exploratory data analysis (EDA) and data preprocessing to improve model performance. Explored pretrained architectures (VGG16, Xception, NASNetMobile) to enhance classification accuracy. Integrated the model into a web application for real-time AI-based dermatology solutions.

Customer Support Chat bot with Generative AI

Sep 2024 – Jan 2025

Designed a chatbot for e-commerce customer support using Java, SQL, and NLP techniques. Created a structured query database for resolving customer complaints efficiently. Applied data analytics to track customer inquiries and improve chatbot responses. Implemented visualization dashboards in Power BI to monitor chatbot performance.

ACADEMIC ACHEIVEMENTS

- Earned certifications in Introduction to Generative AI Learning Path, Gemini for Google Cloud Learning Path, Generative AI for Developers Learning Path by Google Cloud, Career Essentials in Data Analysis by Microsoft and LinkedIn, Data Science Tools and Data Visualization with R by IBM.
- Led the project team in the multiple aspects of the project, including system design. Supported and mentored less experienced team members, helping them grow their skills and confidence.

TECHNICAL SKILLS

- **Programming Languages:** Python, HTML, SQL
- **Data Analytics & Visualization:** Pandas, NumPy, Excel, Power BI, Matplotlib, Seaborn, Plotly
- **Machine Learning:** Python, EDA, TensorFlow(basic), Natural Language Processing (NLP) tools
- **APIs:** Familiar with OpenAI, Google Cloud AI APIs
- **LLM Integration:** Experience with Generative AI models and model adaptation

SOFT SKILLS

- Collaboration
- Problem Solving
- Time Management