





KESHAVARDHAN REDDY B

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EDUCATION

Sep 2022 – Present	Malla Reddy University , Hyderabad B.Tech in Computer Science (AI & ML)	CGPA: 8.4
July 2020 – June 2022	Excellencia Junior College , Hyderabad 12th Standard	Percentage: 90%
July 2018 – Mar 2020	Shree Swami Narayana Gurukul International School , Hyderabad 10th Standard	Percentage: 84.7%

SKILLS

Programming Languages	Python, Java
AI/ML Libraries	PyTorch, Hugging Face Transformers, TensorFlow, Keras, OpenCV, NumPy, Pandas, Matplotlib
Web Frameworks	React, JavaScript, HTML, CSS, Django
Databases	SQL
Tools/Platforms	VS Code, MS Word, MS Excel, Autocad, Cursor IDE, Composio

PROJECTS / OPEN-SOURCE

NERIFY

[Link](#)

Built an NLP model with **DistilBERT** on the **CoNLL-2003 dataset** to recognize multi-word named entities. Implemented token classification with **PyTorch**, ensuring accurate recognition of complex entities in real-world text.

MCP Chatbot

[Link](#)

Worked on integrating the **Model Context Protocol (MCP)** with **Cursor IDE** and **Composio** to enhance AI-driven development workflows. Connected Composio with MCP to orchestrate external tool usage, such as **automated LinkedIn post publishing**, **train availability listing**, and **automated email sending**, all within the IDE environment.

Image Caption Extraction using Deep Learning

[Link](#)

Developed an image captioning system using **CNN + LSTM** that generates accurate and contextually relevant descriptions for images, achieving close alignment with human-provided captions.

Smart Health Detection

[Link](#)

Built a chatbot with **Python, HTML, CSS, JavaScript** that collects user symptoms and provides medicine suggestions, using data aggregated from online sources and user reviews.

CERTIFICATIONS

- Coursera – SSWAGCXEXLFD (Python)
- WDD Student Tribe – Student Tribe
- Data Analyst-Coincent – Coincent