RESUME

Balu Pemmadi
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Professional Summary:

Professional Summary Enthusiastic and skilled Computer Science student specializing in AI and Data Science, with hands-on experience in Python, TensorFlow, and NLP. Adept at building AI-powered applications, solving real-world problems through machine learning, and collaborating in fast-paced environments. Eager to contribute to innovative tech teams and grow in a data-driven role.

Education

B.Tech, CSE (Artificial intelligence& Data Science)
-Kakinada Institute of Engineering and Technology (2021–2025) | CGPA: 7.14.
Intermediate (M.P.C Stream)
-PR Government Junior Boys College (2019–2021) | Grade: 57%.
SSC
-Marga Darshi High School (2019) | CGPA: 9.2.

Technical Skills

Languages: Python, SQL, HTML, CSS, Java (basic)

Libraries/Frameworks: Pandas, NumPy, Matplotlib, TensorFlow, Keras, OpenCV

Technologies: Machine Learning, Deep Learning, NLP, Transfer Learning

Tools: Jupyter Notebook, VS Code, Git, Microsoft Office

Platforms: Windows OS

Projects

Final Year Project – COVID-19 Detection Using Chest X-ray Images
-Designed and implemented a deep learning model using CNN and transfer learning to accurately detect COVID-19 from chest X-rays. Utilized Python, TensorFlow, and Grad-CAM for model training, prediction, and visual explanation.
Tools & Technologies: Python, TensorFlow/Keras, CNN, Transfer Learning, OpenCV , Jupyter Notebook , Vs code
GUI Calculator.
- Developed a user-friendly calculator with Python and Tkinter.
AI-Powered Chatbot.
- Created a chatbot with real-time responses and conversation-saving capabilities using Python and Tkinter.

Certifications

-Python Programming | Edyst

-Infosys – Machine Learning with Go

-AICTE-Eduskills UiPath RPA Virtual Internship | July – Sep 2024.

-Salesforce Developer Virtual Internship | Oct – Nov 2023.

-AWS Cloud Virtual Internship | Oct – Dec 2024.

Achievements:

-Participated in INEURON 24-hour Hackathon and developed an innovative solution under time constraints.