PEMMADI BALU

balupemmadi44@gmail.com 9989913586 www.linkedin.com/in/balupemmadi
https://github.com/PemmadiBalu https://pemmadibalu.github.io/portfolio 13/jun/2004

PROFESSIONAL SUMMARY

Enthusiastic Computer Science graduate specializing in AI, Data Science, and Web Development**.** Skilled in Python, Flask, SQL, and front-end technologies with experience building AI-powered applications. Passionate about solving real-world problems and contributing to innovative tech teams.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering (Artificial Intelligence & Data Science) (2021 – 2025)
Kakinada Institute of Engineering and Technology, JNTUK University | CGPA: 7.38

Secondary School (SSC) (2018 – 2019)
Marga Darshi High School | CGPA: 9.2

Intermediate (M.P.C Stream) (2019 – 2021)
PR Government Junior Boys College | CGPA: 5.7

SKILLS

- Languages : Python, SQL, HTML, CSS, JavaScript (basic)
- AI / Machine Learning: NumPy, Pandas, Matplotlib, TensorFlow
- Technologies: Machine Learning, Deep learning, NLP, Power BI, microsoft excel, microsoft word,
- Frameworks : Flask, React.js, Jupyter Notebook, VS Code, Git, GitHub
- Soft Skills : Leadership, Problem-Solving, Team Management, Creativity, Smart Working

INTERNSHIP EXPERIENCE:

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

Salesforce Developer Virtual Internship | Oct – Nov 2023.

Google Ai/Ml Virtual Internship | Oct – Dec 2024.

PROJECTS

Resume Analyzer
Resume Analyzer Developed a full-stack Resume Analyzer using React (frontend) and Flask (backend) to evaluate resumes with ATS-based screening and real-time feedback. Achieved 90% accuracy in skills extraction and keyword relevance with automated scoring.

AI-Powered Telegram Educational Chatbot
Developed an AI-powered Telegram educational chatbot with real-time, 95% accurate responses and conversation-saving functionality using Python and Tkinter.

COVID-19 Detection Using Chest X-ray Images
Designed a CNN-based deep learning model using transfer learning and Grad-CAM to detect COVID-19 from chest X-rays with 95% accuracy. Implemented with Python, TensorFlow/Keras, CNN, NumPy, Pandas, Scikit-learn, OpenCV, and developed in Jupyter Notebook & VS Code.

CERTIFICATES

Python Programming: Edyst.
Infosys: Machine Learning with Go
Oneroadmap: Ai and Data Scientist
Aws(training and certification):
Genrerative Ai

ACHIEVEMENTS

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