PEMMADI BALU

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🐙 https://github.com/PemmadiBalu 🔗 https://pemmadibalu.github.io/portfolio 📅 13/jun/2024

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

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

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

SKILLS

- Languages : Python, SQL, HTML, CSS, JavaScript (basic)
- Frameworks : Flask, Jupyter Notebook, VS Code, Git, GitHub
- Libraries: Pandas, NumPy, Matplotlib, TensorFlow
- Technologies: Web Development, Machine Learning, NLP, Power BI
- 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

Flask Calculator Web App
Developed a Flask-based calculator web app delivering 100% accurate real-time calculations using Python, HTML, CSS, and JavaScript

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.