

PAVANSAI RANGDAL

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<https://github.com/Pavansai20054>

PROFILE

I am a kind and hardworking person who enjoys learning about new technologies and how to use them. Right now, I am focusing on Agentic AI and Generative AI. I am building my skills in GPTs, prompt engineering, and soon, context engineering. I listen well, learn quickly, and have experience leading teams. I value my time and always aim for efficiency in what I do. I am also studying in the Code Unnati (SAP) program, which is run by the EduNet Foundation.

EDUCATION

KG Reddy college of Engineering and Technology, Hyderabad

Bachelor of Technology in Computer Science and Engineering – Data Science

Aug 2022 - Present

PROJECT

Estimation of Car Purchase Rate

- Developed a Machine Learning Model for Estimation of Car Purchase Rate using Artificial Neural Network (ANN).
- Deployed the project on Streamlit server.
- Got the accuracy of the Model around 60%.
- **Project GitHub Link:** https://github.com/Pavansai20054/Car_purchase_rate_Estimation_using_ANN
- **Project Link:** <https://carpurchaserateestimationusingann.streamlit.app/>

Koluvu Job Portal (<https://koluvu-job-portal.netlify.app>)

- Developing a real-world project with these technologies' frontend using **NextJS** and **TypeScript**.
- Built and maintained the backend with **Django** and **PostgreSQL** database.
- Implemented user authentication, job posting, and application features.
- Seamless integration between frontend and backend for robust user experience.

Xara: Text-to-Speech Application

- Developed a Text-to-Speech application using pure Python Program, which can take the input from the user in multiple formats and converts into audio.
- It has 11 Indian languages and 24 International Languages.
- Deployed on Streamlit.
- **GitHub Link:** <https://github.com/Pavansai20054/gTTS>
- **Project Link:** <https://pavansai-project-portfolio.streamlit.app/>

Attendance by Face-Recognition

- Developed an Attendance system using OpenCV's HaasCascade_frontal_face model.
- First, it will capture the student who is present in front of camera and will detect whether the captured image of the student is real or its picture, if it is real then the attendance is marked in Excel sheet

DataStruct-Kit (Python Package)

- Developed a Python package offering various advanced data structures and helper methods for Python developers.
- Published on PyPI: <https://pypi.org/project/DataStruct-Kit/>

GitHub Repository: <https://github.com/Pavansai20054/DataStruct-Kit>

logictools (Python Package)

- Created a toolkit for logical and bitwise operations for educational and developer use.
- Published on PyPI: <https://pypi.org/project/logictools/>
- GitHub Repository: <https://github.com/Pavansai20054/logictools>

Prodigal Automation (Open-Source Contributor)

- Contributed to automation scripts and improvements in the Prodigal-Automation open-source project.
- GitHub Repository: <https://github.com/Pavansai20054/prodigal-automation>

Prodigal AI Backend Hiring Assessment (Passed)

- Learned basics about Kubernetes, Airflow, Kafka (Dealing Large data by zookeeper) and PostgreSQL.
- GitHub Repository: <https://github.com/Pavansai20054/AI-Backend-Hiring-Tasks-Prodigal-AI>

SKILLS

- **Programming & ML Libraries:** Python (Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch), Jupyter Notebook, Google Collab.
- **Machine Learning & AI Frameworks:** TensorFlow, PyTorch, Hugging Face Transformers, Agentic AI Frameworks.
- **Tools:** Git (Version Control).
- **Model Deployment & MLOps:** FastAPI, Flask (Model Deployment), MLflow (Model Tracking & Experimentation).
- **Soft Skills:** Communication.

CERTIFICATIONS

- Data Analyst Intern – InnoByte Services
- Certificate of Achievement - HITAM (IUCEE)
- Certification of completion - IUCEE Foundation
- Certificate of Internship completion – Prodigal AI (Gold)