

Pulugu Rakesh

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EDUCATION

Bachelor of Technology in Computer Science

2021-2025

Vishnu Institute of Technology

GPA: 8.4

Coursework : Data Structures, Design analysis and algorithms, Web Development, Database Systems, Operating Systems, Machine Learning, Java.

Intermediate

2019-2021

Narayana Junior College, Pedapalakaluru, Guntur, AP.

Marks: 921/1000

Secondary Higher Education

2018 -2019

Sri Chaitanya H S, Muntavari center, Chirala, AP.

CGPA: 9.7/10

SKILLS

Programming Languages : C, JAVA, SQL, Python.

Data Analysis : SQL, Excel, Power BI.

DataWareHouse : SnowFlake.

Hard Skills : Object Oriented Programming, Data Structure And Algorithms.

Web Development : HTML, CSS.

Soft Skills : Project Management, Team Work, Leadership, Communication, Presentation.

PROJECTS

MyBook Application Project

Desktop-Based Application Project

- **Tools & Packages :** Apache NetBeans, Javafx(Swing, AWT).
- Developed MyBook, a fully functional desktop application using Java and Swing for seamless text editing and file management.
- Implemented key features such as file operations(open, save, print) text formatting, and clipboard support (cut, copy, paste) to enhance user experience and productivity.
- Showcased object-oriented programming principles to create a robust, intuitive user interface.

Vehicle Detection and Speed Calculation Project

Deep Learning and Neural Networks Based Project

- **Tools & Packages :** YOLO, Python, OCR (Optical Character Recognition).
- Developed a comprehensive vehicle recognition solution using computer vision and machine learning (YOLO, OCR) to improve traffic monitoring, management, and road safety, with real-time speed calculation and data analysis

INTERNSHIPS

AICTE Virtual Internship - AIML

July 2023

- Completed an intensive virtual internship with AICTE, focusing on cutting-edge Artificial Intelligence and Machine Learning techniques.
- Spearheaded the development and evaluation of deep reinforcement learning models using PyTorch and RLlib, showcasing advanced technical skills and practical application of AI-ML concepts.
- Presented findings at weekly research meetings.

CERTIFICATIONS AND ACHIEVEMENTS

- GATE 2024 Qualified in the field of Compute Science Which was conducted by IISC Bangalore.
- Certificate of Excellence in Java(basic) from Hackerrank .
- Certificate of Excellence in the Python by the Infosys Springboard.

EXTRA CURRICULAR ACTIVITIES

- Actively participated in hackathons and Unstop events, and practice coding on platforms like LeetCode and HackerRank.
- Active member of the college cricket team and an avid badminton player.