Rage Bhanu Kiran

Student at VIT

Computer Science student with hands-on experience in Python, Java, and deep learning. Passionate about building real-time applications and currently interning at DRDO.

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TECHNICAL SKILLS

Python | Java | R

Object Oriented Programming

Data Structures and Algorithms

PostgreSQL

LANGUAGES

English
Full Professional Proficiency

Hindi
Limited Working Proficiency

Telugu
Native or Bilingual Proficiency

INTERESTS

Listening to music

Competitive Programming

Watching movies

Watching Documentaries

EDUCATION

Bachelor Of Technology
Vellore Institute of Technology, Andhra Pradesh

10/2022 - Present *9.01 CGPA*

State Board of Intermediate Education, Andhra Pradesh
Sri Chaitanya jr. College

05/2020 - 05/2022 *93.5%*

WORK EXPERIENCE

Intern
Defence Research and Development Organisation - DRDO

05/2025 - Present *Hyderabad, India*

DRDO is India's top defence R&D organization, developing cutting-edge technologies for the Armed Forces.

- Pretrained two lightweight language models from scratch using custom datasets to analyze training behavior and loss trends.
- Set up basic training scripts, tracked loss and accuracy across epochs, and experimented with minor changes to improve performance.
- Managed version control and collaborative experiments using Hugging Face repositories and Git.

PROJECTS

GitHub Topic Repository Scraper
- Technologies Used: Python, Requests, BeautifulSoup, CSV.
- Scraped repository data (username, repo name, stars, and URLs) from GitHub topic pages.
- Saved extracted data to CSV for further analysis.
- Git Hub Repository

Open CV based Face Recognition Attendance System using Python
- Technologies Used: Python, OpenCV, Excel.
- This project uses Face biometrics to identify students and mark their attendance.
- Automated to get a Excel sheet of attendence.

Object Detection Model using YOLO
- Technologies Used: Python, YOLO, OpenCV, TensorFlow/PyTorch, Flask (for deployment), Google Colab, Kaggle Datasets.
- Trained a YOLO model from scratch on a custom 3-class vehicle dataset (car, emv, htv), without using pre-trained weights.
- Achieved mAP@0.5 of 85.9% , with class-wise F1 scores of 0.84 (car) , 0.87 (emv) , and 0.83 (htv) .
- Hugging Face Repository

ACHIEVEMENTS

LeetCode
Solved 250+ problems in Python and Java. LeetCode Profile

HackerRank
Earned 5 stars in Python & Problem Solving, and 4 stars in Java. Hackerrank Profile