BUREDDY SAKETH

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Summary

A dedicated and motivated Computer Science Engineering graduate with strong interest in technology, problem-solving, and continuous learning. Adaptable, collaborative, and committed to delivering quality work while contributing to organizational growth.

Education

Malla Reddy Engineering College — 2021 – 2025
B.Tech in Computer Science Engineering — CGPA: 8.45

Narayana Junior College — 2019 – 2021
Intermediate (MPC) — Percentage: 98%

NSR High School — 2018 – 2019
Secondary Education — CGPA: 9.8

Skills

- Languages: Python, Java, C, JavaScript, HTML, CSS, SQL
- Tools: Tableau, Power BI
- SoftSkills: Problem-Solving, Cooperative, Ambitious, Diligent

Experience

Python & Data Analysis Intern – YBI Foundation — June 2024 – July 2024

- - Developed a vehicle mileage prediction model using Python and regression algorithms. - Automated data
- processing workflows, reducing manual effort by 30%. - Utilized Pandas, NumPy, and Matplotlib for data
- cleaning, visualization, and model evaluation.

Projects

- Mileage Prediction Using Machine Learning
  Description: Built a regression-based ML model to predict vehicle mileage using a dataset of automotive attributes. Performed cleaning, feature engineering, EDA, model comparison, and visualization.
  Tools Used: Jupyter Notebook, Pandas, NumPy, Matplotlib
  Languages/Tech: Python, Machine Learning

- Detection of Cyberbullying on Social Media Using ML
  Description: Built a cyberbullying detection system using SVM, Navie Bayes, and Random Forest models. Implemented NLP preprocessing, TF–IDF, and OCR to detect abusive text in images.
  Tools Used: Scikit-learn, NLTK, Tesseract OCR
  Languages/Tech: Python, NLP, OCR, Machine Learning

- Content-Based Image Retrieval (CBIR)
  Description: Built a deep-learning-based CBIR system using CNN feature extraction and distance metrics for similarity search. MySQL used for vector storage and fast retrieval.
  Tools Used: TensorFlow/Keras, MySQL
  Languages/Tech: Python, Deep Learning, CNNs

- Advanced Fake News Detection (Patent Awarded)
  Description: Created an NLP-based fake news detection system using ML classification and article vectorization. Integrated blockchain concepts for tamper-proof verification.
  Tools Used: Scikit-learn, NLTK
  Languages/Tech: Python, NLP, Machine Learning, Blockchain (Conceptual)

• Website Clones — Amazon, Netflix & Prime Video
Description: Built responsive clone interfaces replicating layouts, product grids, and UI behavior using modern front-end techniques.
Tools Used: VS Code, Browser DevTools
Languages/Tech: HTML, CSS, JavaScript

• BMI Calculator
Description: Developed a lightweight BMI calculator with clean UI and dynamic health status display.
Tools Used: VS Code
Languages/Tech: HTML, CSS, JavaScript

Certifications

- Microsoft Azure Fundamentals (AZ-900)
- Python Programming — Kaggle,
- SQL (Intermediate) — HackerRank
- CSS — HackerRank
- Introduction to Frontend Development — Meta (Coursera)
- Natural Language Processing — NPTEL
- Sololearn Certifications (HTML, CSS, Python)

Achievements

- Awarded a patent for Advanced Fake News Detection system
- HackerRank Python 3-Star Badge

Languages

- English, Telugu, Hindi