

KUMMARI SHARATH CHANDRA

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PROFESSIONAL SUMMARY

Information Technology graduate with a good understanding of fundamentals in Python, SQL, Data Structures, OOP, and DBMS. Hands-on experience through academic projects in machine learning and cloud security, with exposure to data analysis and real-world problem-solving. Quick learner with good analytical skills and adaptability, seeking an entry-level opportunity to apply and strengthen technical skills while contributing effectively to real-world, scalable technology solutions.

SKILLS

Languages :	Python, SQL
Core CS :	Data Structures, OOP, DBMS, Operating Systems
Technologies :	Machine Learning, Cloud Computing
Web :	HTML5, CSS3, JavaScript
Tools :	Power BI, MS Excel
Enterprise :	SAP ABAP (Fundamentals), SAP S/4 HANA (Awareness)

KEY-PROJECTS

Machine Learning Model for Average Fuel Consumption in Heavy Vehicles | *Python, Scikit-learn, Pandas, NumPy*

- Built a regression model on vehicle telematics data to predict fuel consumption
- Performed data preprocessing and feature engineering to improve model performance
- Applied predictive modelling techniques achieving around 85% accuracy
- Identified key factors such as driving behaviour and route conditions affecting fuel usage
- Generated insights to support data-driven decision-making for improving efficiency

Secure Multi-Keyword Search on Encrypted Cloud Data | *Cloud Computing, Cryptography, Distributed Systems*

- Developed a system for multi-keyword search over encrypted cloud data
- Applied encryption techniques and secure indexing for privacy-preserving search
- Enabled query processing using encrypted tokens without data decryption
- Improved retrieval efficiency while maintaining data confidentiality
- Addressed secure data access challenges in cloud environments

EDUCATION

Bachelor of Technology – Information Technology

Jawaharlal Nehru Technological University, Hyderabad

CERTIFICATIONS

Python Full Stack Developer – Good Rich IT Solutions

SAP ABAP – Aadhya IT Hub

Hackathon Participation Certificate – Udemy