

VAMSHI KRISHNA POTTOLLA

Phone: 33-753198552

E-Mail: vamshikrishna2800@gmail.com

[LinkedIn](#)

[Git hub](#)

[Portfolio](#)

PROFILE

Motivated **Data Science** student proficient in **Python** (Pandas, NumPy) and **SQL**, seeking a Data Analyst internship to apply analytical skills and leverage data visualization to drive actionable business insights. Eager to contribute to innovative projects and enhance technical proficiencies.

ENGLISH, FRENCH, HINDI, TELUGU

EDUCATION

- EPITA School of Engineering and Computer Science, DSA, (2025-), Paris, France
- JB Institute of Engineering and Technology, (2020-2024), Information Technology, Hyderabad, India

PROJECTS

Internship Project: Hand sign Detection using Machine Learning -- 01/2022

- Engineered a hand sign detection system in Python utilizing machine learning techniques. Enhanced a Convolutional Neural Network (CNN) to effectively recognize and classify sign language gestures, fostering enhanced communication for individuals with hearing impairments.
- The model achieved commendable accuracy exceeding 80% through leveraging image data and was seamlessly integrated into a user-friendly application for real-time recognition.

Mini Project: A Hybrid Cloud Approach for Secure Authorized Deduplication -- 01/2023

- Implemented a Hybrid Cloud strategy integrating secure and authorized deduplication methods. This approach ensures data redundancy reduction while maintaining stringent security measures, allowing for efficient and authorized data management across cloud environments.
- Enhanced cloud data management security, achieving a 90% reduction in data duplication, thereby resulted in substantial enhancements to data efficiency and security measures.

Major Project: Secure Data Sharing and Search for Cloud-Edge-Collaborative storage -- 12/2023

- Designed a revolutionary Cloud-Edge-Collaborative Storage (CECS) framework, enabling real-time IoT data processing on edge servers and cloud storage, achieving a groundbreaking 75% data accuracy rate. Led development of Secure Data Sharing and Search for Cloud-Edge-Collaborative storage project, ensuring seamless collaboration and data access across distributed environments while prioritizing privacy and security.
- Implemented cryptographic techniques and access controls to guarantee data confidentiality and integrity, enhancing organizational control over sensitive data assets.

SKILLS

- **Languages:** Python, SQL, HTML
- **Data & Technical Skills:** Python (Pandas, NumPy, Scikit-learn), SQL, Data Visualization (Matplotlib, Power BI), Data Wrangling, Data Cleaning, DBMS, RDBMS, Machine Learning, OOP.
- **Non-Technical Skills:** MS Office, Attention to Detail, Critical Thinking, problem solving, Communication

ACHIEVEMENTS

- **Tata Data Visualization:** Empowering Business with Effective Insights Job Simulation on Forage - April 2024
- **NPTEL** Python programming (Silver) Certification.
- **Hacker Rank** Python, SQL certification.
- **COINCENT** Certification in Machine Learning Using Python.