

VISHWAJEET S

AI & Data Science Engineer

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PROFESSIONAL SUMMARY

Final-year B.E. student in AI & Data Science with hands-on experience machine learning, deep learning models, and AI-integrated applications. Dual published researcher (ICAIH 2025 & IEEE) with strong foundation in Python, NLP, computer vision, and cloud-ready data pipelines. Passionate about building, development through internships, research publications, and practical projects. Driven by curiosity, continuous learning, and the vision of creating technology that improves lives while growing as an engineer, creator, and problem solver.

TECHNICAL SKILLS

Languages	Python (primary), html, SQL
ML / AI	Machine Learning, Deep Learning, NLP, LLMs, CNNs, RNNs, TensorFlow, OpenCV, scikit-learn
Data & BI	Power BI, Excel, Pandas, NumPy, EDA, Data Visualization, Tableau
Databases	MongoDB, PostgreSQL, MySQL
Tools & Infra	Git, GitHub, vs code, Jupyter, Google Colab, Blockchain (Solidity basics), FAISS, LangChain

EXPERIENCE

AI / ML & Data Science Intern — Technologics Global

Bengaluru | 3 Months

- Worked on end-to-end AI/ML projects including data preprocessing, model building, evaluation, and deployment..
- Applied machine learning and deep learning techniques to solve real-world problems with a focus on accuracy and scalability.
- Collaborated with cross-functional teams to integrate models into production-ready solutions.
- Utilized Python, Scikit-learn, TensorFlow, pandas, SQL, and REST APIs for data-driven application development.

PROJECTS

Deepfake Detection System

CNN + RNN | BGSCET, Bengaluru | 2024–2025

- Built end-to-end deepfake detection pipeline using CNNs + RNNs with TensorFlow and OpenCV; optimized for near-real-time inference on benchmark datasets.
- Published peer-reviewed paper at ICAIH 2025 (International Conference on AI in Healthcare), St Aloysius Deemed University, Mangalore.

Heart Disease prediction

Logistic Regression | Bengaluru | 2026

- Built a machine learning model to predict the presence of heart disease using clinical parameters.
- Performed EDA, handled class imbalance using SMOTE, and optimized models achieving y27o accuracy
- Deployed interactive web app using Streamlit for real-time predictions.

House price prediction

Logistic Regression /xgboost

- Developed regression model to predict house prices based on location, size, amenities, and market trends.
- Applied advanced feature engineering and hyperparameter tuning to achieve high R² score of 0.89.
- Deployed as a web application using Flask for user-friendly price estimation.

Corrupt Watch — AI & Blockchain Civic Platform

Full-Stack AI | BGSCET | 2024–2025

- Architected civic grievance platform integrating NLP + computer vision complaint analysis with blockchain (Solidity) for tamper-proof record-keeping.
- Published at IEEE International Conference, Ghousia College of Engineering, Ramanagara.

SATURN — Sentiment Analysis Tool

NLP / ML | BGSCET, Bengaluru | 2024

- Designed transformer-based social media sentiment engine classifying tweets/reviews into positive/negative/neutral with >85% accuracy using TF-IDF, tokenization, and stop-word removal.

FPV Drone with Environmental Sensing

Embedded Systems + IoT | BGSCET | 2023

- Fabricated 3–4 kg payload FPV drone with real-time camera, air quality sensors, and weather data capture; won 1st Prize at Techno-Cultural Fest beating 30+ teams.

EDUCATION

B.E. – Artificial Intelligence & Data Science

BGSCET (VTU), Bengaluru | 2022–2026

Relevant Coursework: Machine Learning, Deep Learning, NLP, Data Structures & Algorithms, DBMS, Computer Vision, Cloud Computing

PUBLICATIONS & ACHIEVEMENTS

- "Deepfake Detection with Advanced CNN and RNN Techniques" — ICAIH 2025, St Aloysius (Deemed University), Mangalore. Peer-reviewed.
- "Corrupt Watch: AI & Blockchain Integrated City" — IEEE International Conference, Ghousia College of Engineering, Ramanagara. Peer-reviewed.
- 1st Prize — FPV Drone Project, BGS College Techno-Cultural Fest (30+ competing teams).
- 4+ Hackathon Participant — AI, ML, and civic tech domains.

EXTRACURRICULAR ACTIVITIES

- Content Creator, Leading personal content creation journey focused on documenting life, storytelling. -Project
- Team, Academic & Technical Projects, all major academic and innovation projects, including FPV Drone, Dual
- Axis Solar Tracker, Deepfake Detection, Corrupt Watch and SATURN.
- Freelance editor, worked with several Clients & projects, which hit 100k+ views