

OBJECTIVE

Technology graduate skilled in software development, data-driven modeling, and emerging technologies including AI & ML. Dedicated to designing scalable, intelligent, and efficient solutions that optimize IT systems and drive innovation across diverse domains.

SKILLS

- **Languages:** Python, Java
- **Database:** MySQL
- **Operating System:** Linux, Windows
- **Core Competencies:** Data Science, Machine Learning, Deep Learning, NLP, AI & Generative AI Tools
- **Frameworks & Tools:** TensorFlow, Keras, PyTorch, OpenCV, scikit-learn, Selenium, GitHub, Copilot.

CONTACT

PHONE NO: +91-7338276469
EMAIL ID: rsshravani04@gmail.com
LOCATION: BENGALURU, KARNATAKA, INDIA
LINKEDIN:
<https://www.linkedin.com/in/shravani-r-s-616b49290>
GITHUB:
<https://shravaniroyal.github.io/portfolio-website/>

CERTIFICATIONS

- Space Traffic Density Prediction – **Infosys**
- Machine Learning and Image Processing – **MEVI Technologies**
- Natural Language Processing – **Infosys**
- Data Science – **Infosys**

SHRAVANI R S

AI/ML ENGINEER

EDUCATION

- **B.E. in Artificial Intelligence and Machine Learning**
Rajarajeswari College of Engineering | Nov 2021 – Jun 2025 | CGPA: 8.3
- **12th (PCMB)**
ASC PU College | Jul 2020 – Jul 2021 | 68%
- **10th**
Camlin High School | Apr 2018 – Apr 2019 | 72.64%

INTERNSHIP

AI Intern | Infosys | Nov 2024 – Dec 2024

- Developed predictive machine learning models for space traffic density, enhancing situational awareness and forecasting accuracy.
- Designed a data pipeline for satellite telemetry processing, ensuring efficient data handling and feature engineering.

Data Quality Analyst | Rooman Technologies | Oct 2024 – Dec 2024

- Performed data validation and statistical analysis on multi-source datasets for emotion prediction.
- Created a combined dataset using multiple sources to improve training reliability for machine learning models.

Machine Learning Engineer Intern | MEVI Technologies | Nov 2023

- Built ML models for image reconstruction using Generative Adversarial Networks (GANs).
- Processed grayscale and color image datasets, applying normalization techniques to improve output quality.

PROJECTS

Space Traffic Density Prediction

- Designed predictive models using Decision Trees and Random Forest algorithms to forecast satellite traffic density.
- Optimized model performance through feature selection and hyperparameter tuning, achieving improved accuracy.

Biometric Watermarking Using Rubik's Cube Encryption & Decryption

- Developed a biometric security system utilizing Rubik's Cube encryption to protect sensitive data.
- Implemented Convolutional Neural Networks (CNNs) for feature extraction and watermark reliability.

Human Emotion Detection Using Machine Learning

- Built a real-time emotion detection system using advanced image processing and machine learning techniques.
- Achieved high classification accuracy across multiple emotion categories.