

G. Srilasya Varma

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EDUCATION

Manipal University Jaipur, Jaipur, India

2021 – 2025

B.Tech in Computer Science Engineering (AI-ML)

SKILLS

- **Programming & Data:** Python, SQL, MySQL, Pandas, NumPy, Excel
- **AI/ML & GenAI:** Machine Learning, Scikit-learn, PyTorch, LangChain, RAG Pipelines, OpenAI API
- **Tools & Platforms:** FastAPI, REST APIs, AWS (Textract, S3), MongoDB, Git, Data Visualization

EXPERIENCE

Saniiro (Fintech SaaS)

Jun 2025 – Present

AI/ML Intern (Remote)

Jaipur, India

- Built an **invoice processing system** that automated extraction and validation of supplier, invoice, and item details, reducing manual effort in financial workflows.
- Designed **field-mapping and validation rules** to improve accuracy and consistency of processed data for reporting.
- Developed an **AI-powered chatbot prototype** with embeddings, vector search, and RAG workflows to support customer queries and internal knowledge retrieval.
- Gained exposure to **end-to-end automation in a fintech SaaS environment**, from raw document ingestion to structured data output.

IIT Hyderabad

Jun 2023 – Jul 2023

Web Development Intern

Hyderabad, India

- Developed a Requisition & Visitor Management System with PHP, MySQL, and JavaScript.
- Implemented CRUD operations and role-based login, improving data accuracy and workflow efficiency.

PROJECTS

Breast Cancer Prediction (ML Research)

- Applied PCA for dimensionality reduction and trained ensemble models (XGBoost, SVM, KNN).
- Achieved 96.5% accuracy with grid search tuning; evaluated with ROC and precision/recall.

Plant Disease Detection (Deep Learning)

- Fine-tuned VGG16 CNN with transfer learning and data augmentation on PlantVillage dataset.
- Achieved 94.2% F1-score and 95% accuracy after optimizing preprocessing and model parameters.

CERTIFICATIONS

- Python for Machine Learning – Udemy
- Design & Analysis of Algorithms – NPTEL, IIT Madras
- Database Management Systems – Oracle Academy