

# G. Srilasya Varma

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## EDUCATION

**Manipal University Jaipur**, Jaipur, India

**2021 – 2025**

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

## SKILLS

- **Languages & Data:** Python, SQL, MySQL
- **Cloud & Frameworks:** AWS (Textract, S3), FastAPI, REST APIs, Git, MongoDB
- **AI / ML:** Machine Learning, Model Training & Evaluation, Embeddings
- **Other:** ReactJS, basic CI/CD concepts

## EXPERIENCE

**Saniiro (Fintech SaaS)**

**Jun 2025 – Present**

*AI / Backend Intern (Remote)*

- Built an invoice data processing pipeline using AWS Textract with Python & FastAPI for automated field extraction and validation.
- Designed REST APIs to integrate OCR outputs with databases (MongoDB/DynamoDB), ensuring consistent structured data.
- Prototyped a chatbot using embeddings & vector search to answer internal queries aligned with enterprise workflows.
- Collaborated with engineers to deploy pipeline components, troubleshoot errors, and optimize performance.

**IIIT Hyderabad**

**Jun 2023 – Jul 2023**

*Web Development Intern*

- Developed a Requisition & Visitor Management System with PHP, MySQL, JavaScript.
- Implemented role-based authentication and CRUD operations to streamline workflows.

## PROJECTS

**Breast Cancer Prediction (ML Research)**

- Built a machine learning pipeline for cancer prediction; performed data cleaning, training, and evaluation.
- Applied cross-validation, ROC, and precision/recall metrics to ensure reliability and optimize performance.

**Plant Disease Detection (Deep Learning)**

- Fine-tuned CNN (VGG16) with transfer learning and data augmentation on PlantVillage dataset.
- Improved robustness and reduced overfitting through preprocessing and optimization techniques.

## CERTIFICATIONS

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