# ENITTA SANDA VINCY

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## CAREER OBJECTIVE

Highly motivated Artificial Intelligence and Machine Learning enthusiast with strong Python programming skills. Experienced in developing machine learning models and passionate about applying data analysis, computer vision, and AI techniques in a collaborative environment.

## EDUCATION

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|---|---|---|
| 2022-Present | **B.Tech in Artificial Intelligence And Machine Learning,** REVA University | 9.64/10 |
| 2022 | **Higher Secondary Education**, St. Claret Pre-University College | 96.16% |
| 2020 | **Secondary Education,** St. Antony High School | 96.64% |

## SKILLS

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|---|---|
| **Languages** | Python, SQL, Java, C |
| **Technical Proficiency** | Machine Learning, Deep Learning, DSA, NLP |
| **Tools & Platforms** | Jupyter Notebook, Google Colab, Excel, PowerPoint, Power BI |
| **Frameworks and Libraries** | Pandas, NumPy, Scikit-Learn, Tensorflow, Keras |
| **Soft Skills** | Teamwork, Communication, Time management, Adaptability, Problem-solving |

## TECHNICAL PROJECTS

**Tomato Plant Disease Detection Using Deep Learning** **(May 2025)**

- Created a real-time tomato leaf disease diagnosis system using MobileNetV2 and transfer learning, achieving 80% accuracy in detecting various types of diseases.
- Applied symptom mapping and treatment suggestions, allowing users to rapidly diagnose and treat tomato crop health through a smartphone interface.

**Sentiment Analysis for Voice-Based System** **(Feb 2025)**

- Designed a deep learning architecture using CNN, LSTM, and MFCC features to classify sentiment from audio signals, achieving 79% accuracy.
- Enhanced model performance by fine-tuning layers and preprocessing methods for efficient real-time sentiment detection.

**Neural Network-Based Cryptanalysis** **(Dec 2024)**

- Developed a machine learning model to analyze encryption patterns and improve security assessment.
- Achieved 84% accuracy in encryption-decryption tasks and enhanced decryption effectiveness through deep learning techniques.

## INTERNSHIPS

**CropNow | AI-ML Intern** **(Mar 2025 - Sep 2025)**

- Developed AI and deep learning models for real-time crop health monitoring.
- Utilized computer vision and data analytics to enable precision agriculture and support smarter farming decisions.

**SkillCraft Technology | Machine Learning Intern** **(Oct 2024 – Nov 2024)**

- Worked on four supervised machine learning algorithms for house price prediction, classification, and related regression tasks.
- Gained hands-on experience in data preprocessing, feature engineering, model training, hyperparameter tuning, model evaluation, and performance optimization.

## HACKATHONS AND CERTIFICATIONS

- **3rd Place – AIrena Best Project Award (Reva University, Apr 2025)**
- **2nd Place – Hack-n-Fly with Copilot (Reva University, Feb 2025)**
- **Introduction to Containers, Kubernetes, and OpenShift** – IBM **(Apr 2025)**
- **Introduction to Cybersecurity** – Cisco **(Feb 2025)**
- **GenAI for IT** - Infosys Springboard **(Feb 2025)**