

EXPERIENCE

Ernst & Young India

Associate Consultant Intern

Acquired expertise in **Enterprise Security Architecture and Cybersecurity**, contributing to a project involving the **IFTAS Cloud** and leveraging the **SABSA Framework**.

Bengaluru, IN
Aug 2024 - Sep 2024

Bhargaw info tech solutions

Student Intern

Developed a prototype model for **AI content and deepfake detection** by leveraging major **CNN-based models** and fine-tuned it using hyperparameters in **TensorFlow and PyTorch**.

Bengaluru, IN
Oct 2024 - Nov 2024

PROJECTS

SQLite to MySQL Converter | [Link](#)

Converts **SQLite** databases to **MySQL**-compatible SQL dumps, supporting tables and data customization.

IoT Photo Slideshow Application | [Link](#)

A application made **Python** for **Raspberry Pi** based devices and other **linux** with GUI, automation. developed an automated photo slideshow with screen interactions.

Deepfake Audio Detection and AI Text Analysis | [Link](#)

Developed a **Flask-based** web application for deepfake audio detection and AI text analysis using **Python, TensorFlow, PyTorch, and Librosa**.

PUBLICATIONS

Web-Server Controlled Rover with Robotic Arm and Object Detection

IEEE Xplore

Digital Designed a modular rover with ESP32, YOLO 3, and web-based remote control. [Link](#) Nov 2024

An Empirical Study of ResNet50 Hyperparameter Tuning for Plant Disease Classification

IEEE Xplore

Novelty - Combination of Multiple Datasets and setting a standard hyper parameter. Increase in matching accuracy. [Link](#) Nov 2024

SKILLS

Programming languages: Python, Swift, JuPyter Notebook, Embedded C, Assembly, SQL, JavaScript
Python Libraries: Cuda, Tensorflow, Pytorch, OpenCV, Pandas, Django
JavaScript libraries: ReactJS
Tools: Git, [Github](#)
OS: Linux, Macos, Windows

EDUCATION

RV College of Engineering

BE Computer Science and Engineering

Bengaluru, IN
Dec 2021 - Jul 2025

National Academy for Learning

CBSE 12th

Bengaluru, IN
Jun 2019 - Jun 2021

CERTIFICATIONS

Introduction to Graphs Algorithm

NPTEL Sep 2024

Data science for Engineers.

NPTEL Oct 2023

SOCIETIES

NSS RVCE

Core Team, Media and Content Head.

Events organised: Utsarga Marathon 2024, Police Marshal, Health Camp, Drug Awareness, Women safety Awareness.

Bengaluru, IN
Nov 2023 - Nov 2024