

# SriRam.A

"Knowledge is Power"

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## SKILLS

**ML & DL :** CNN , Autoencoders & variants , XAI (SHAP,LIME and GradCAM) ,Pytorch and Tensorflow, MLOPS Tools (MLFlow,DVC,TFServe)

**Backend :** Django (Core,Channels and Rest Framework)

**Frontend :** Next JS, React Native

## EDUCATION

**Sri Aurobindo Composite PU College, Rajajinagar— PUC**

April 2021 - June 2023

1160 Rank in KCET, 98.74 Percentile in JEE Mains, 17K AIR in JEE Advanced, 18th in Karnataka 12th Board.

**RV COLLEGE OF ENGINEERING , Pattanagere— BE in AIML**

October 2023 - September 2027

CGPA : 9.69.

## INDUSTRY PROJECTS

**Anomalous Rice Segregation — [Swan Sorter Systems Pvt. Ltd.](#)**

Creating Segmentation Dataset with Training and Deploying of an UNET based autoencoder for anomalous rice segregation in ATIX-7 FPGA

**Phase Interferogram Denoising — IIT Kanpur**

Denoising Phase Maps using Autoencoder , transformer and diffusion based models

**Infotainment Systems — [Marelli Pvt. Ltd.](#)**

Imitation Learning (Vision Language Action(VLA) Models) based Infotainment Systems using robotic arms (SO100)

## ACADEMIC PROJECTS

**Ride Hailing Platform for Demand**

**Cancellation Reduction Tools :** React Native, Django Channels, JWT, XG-Boost, Map-Tiler, DRF

**Role :** Integration of backend and frontend

<https://github.com/Sri-Ram-A/eMotion>

**Cloud Image Storage & Process Scheduling System**

**What:** An Image storage platform using Docker for resource utilization (multi container orchestration) Image compression with Huffman encoding, DCT and p-Hashing for image comparison.

[https://github.com/Sri-Ram-A/DAA\\_Photo](https://github.com/Sri-Ram-A/DAA_Photo)

**ECG based heart signal classification** published from multiple raspberry Pis to centralized Jetson NANO using MQTT Protocol

<https://github.com/Sri-Ram-A/ECGHeartbeatCategorization>

## PARTICIPATIONS

•Traffic Decongestion White Paper Bharath Rising Summit 2025 Research and solution on smart city mobility solutions-mainly focusing on Bengaluru.

•3rd Place: Mobility Hackathon

•Top 6 Finalist: Fantom Code @ RVITM College