

# SREERAMULA KALYAN

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## Education

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**Bachelor of Technology (B. Tech), RGUKT - NUZVID** - CGPA: 8.6 | 2020-2024

**Higher Secondary School (12th Grade), RGUKT - NUZVID** - CGPA: 8.5 | 2018-2020

**Primary Education, ZPHS PULLAREDDYPET** - CGPA: 9.7 | 2017-2018

## Skills

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**Programming Languages:** Python, Java

**Database Skills:** MySQL, MongoDB

**Frontend Technologies:** HTML, CSS, JavaScript

**Tools:** Microsoft Word, Microsoft Excel, Microsoft PowerPoint

## Projects

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### Improving Adversarial Robustness of Gaussian Process Regression-based Classifier (Oct 2023 - Dec 2023)

- Developed an innovative adversarial detection method using Gaussian process regression to safeguard deep learning models, particularly Convolutional Neural Networks (CNNs) and ResNet architectures, from adversarial attacks.
- Implemented a two-step approach involving model training and image enhancement techniques, resulting in significant improvements in detection performance against specific attack types.

### Gaussian Process-based Adversarial Detection on Medical Dataset (May 2023 - Aug 2023)

- Implemented a two-step approach utilizing image enhancement techniques, resulting in a notable enhancement in the precision of class label identification, thereby bolstering the robustness of the detection system.

### Atliq Hardware Sales Analysis (Jan 2023 - Feb 2023)

- Led the analysis of Atliq Hardware sales data, resulting in a 5% increase in product sales through targeted offer allocation to respective customers, thereby optimizing revenue generation strategies.

## Certifications

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- Crash Course on Python from Coursera
- Introduction to Web Development Programming for Everybody from Udemy
- What is Data Science from Coursera
- SQL Beginner to Advanced For Data Professionals from Code Basics

## Extracurricular Activities

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- National Cadet Corps (NCC) – C Certificate Holder
- National Service Scheme (NSS) – Volunteer
- Student Development Campus and Activity Cell (SDCAC) – Core Team Member
- Student Mitra – Core Team Member
- Volunteer, All India Inter University Yoga Championship 2020