

# AVALA VENKATA NAGA PRUDHVI

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## PROFILE

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As a graduate with a B.Tech in Computer Science Engineering at Rajiv Gandhi University of Knowledge Technologies Nuzvid , I'm actively seeking entry-level position in reputed company to utilize my engineering and programming skills that can contribute to the company's growth as well as to enhance my knowledge by exploring new things.

## EDUCATION

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<b>BACHELOR OF TECHNOLOGY   CSE</b>	2020 - 2024
CGPA : 7.9	RGUKT , Nuzvid
<b>PRE UNIVERSITY COURSE   MPC</b>	2018 - 2020
CGPA : 7.4	RGUKT , Nuzvid
<b>SECONDARY SCHOOL EDUCATION</b>	2017 - 2018
CGPA : 10	ZPHS , Koduru

## SKILLS

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**Languages:** Telugu (Native), English (Good Command), Hindi

**Programming:** HTML , CSS , MERN

**Document Creation:** Microsoft Office, LaTeX

## PROJECTS

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### Improving Adversarial Robustness of Gaussian Process Regression-based Classifier

May 2023 - Mar 2024

This project aimed to develop an innovative adversarial detection method to safeguard deep learning models, including Convolutional Neural Networks (CNNs) and ResNet architectures, from adversarial attacks. Leveraging Gaussian process regression, we extracted vital statistical features from clean and adversarial images, reducing the reliance on extensive adversarial datasets. Our two-step approach, which involved model training and image enhancement techniques, significantly improved detection performance, offering promising results against specific attack types and opening doors to real-world applications and robust defense strategies.

## EXTRACURRICULAR ACTIVITIES

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- National Cadet Corps (NCC) - C certificate Holder
- National Service Scheme (NSS) - Volunteer
- Worked as Volunteer In National Level Fest - Teckzite'22
- All India Inter University Yoga Championship 2020 - Volunteer