

# Damisetti Neeraj

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## Education

Vignans Institute of Information Technology(Autonomous),Visakhapatnam

2021 - 2025

Branch: Computer Science(Artificial Intelligence and Data Science) | CGPA: 8.5

(expected)

## Skills

C | Python | MySQL | HTML | CSS | JavaScript | Tableau | WEKA | Power-Bi | Excel | Rapid Miner | Machine Learning | DSA | NLP | Deep Learning | Neural Network | Data Science | Data Analysis | LLM | Big Data Analysis | Statistical Analysis

## Work Experience

**Analytics Career Connect, Pune** | Data Science Intern

Dec'25 - present

- Engineered a machine learning-powered career analytics platform, delivering tailored career suggestions with 25% improved accuracy and benefiting over 500 students.
- Leveraged clustering techniques to uncover patterns in student performance, while optimizing workflows to reduce manual efforts by 30%, boosting productivity by 20%
- Designed dynamic dashboards that provided actionable insights, enhancing decision-making efficiency by 20%.

**IGIAT, Visakhapatnam** | Machine Learning Intern

May'23-Jun'23

- Developed and deployed a predictive algorithm for electric bike mileage using machine learning techniques, Analyzed and processed over 500,000 historical ride data points. and increasing mileage estimate accuracy by 15% compared to previous methods.

## Projects

**Farm to table** | [Documentation](#)

- Designed and deployed a machine learning system. using CNN and computer vision to optimize farm-to-table processes, achieving 88% accuracy in produce quality assessment and reducing processing time by 35%.
- Engineered a platform by integrating front-end (HTML, CSS, JavaScript) and back-end (Python, Flask, OpenCV) technologies. to create an intuitive platform for farmers and consumers, reducing transaction time by 40%.
- Implemented IoT hardware solutions, including Raspberry Pi and sensors. for real-time monitoring and data collection, enhancing traceability and user engagement by 30%.

**Picture-Perfect (Python)** | [Code](#)

- Built and optimized a Flask-based web application for image processing, leveraging SSIM to improve image quality assessments by 25%, while accelerating processing speed by 40% and reducing error rates by 20%.

## Participations

- Engaged in the Blockchain & Web 3.0 Workshop by IBC Media.
- Competed in the AI/ML Hackathon by Brainovision.
- Block Chain Hackathon by Smart India Hackathon (Innovation Cell, Ministry of Education).

## Leadership

- Served as Entrepreneur Development Lead at Innovative Sphere Society, Guided aspiring entrepreneurs, driving innovation and enabling impact projects.
- Spearheaded and facilitated 'Xplore AI,' a two-day event
- Orchestrated and executed SYNAPSE, an ML hackathon.
- Directed technical initiatives as the Technical Head in Student Chapter OWASP VIGNAN.

## Certificates

- Master's certificate in Data Science – Simplilearn.
- AWS Cloud Practitioner Essentials - Edx.
- Achieved certification in Data Analysis from Programming HP.
- Earned a Training Certificate in Machine Learning from Google.