

KULDEEP PRASAD

Data Science Student

+91 81017 45918

Kuldeepprasad64@gmail.com

<https://www.linkedin.com/in/kuldeepprasad27092004/>

Profile

As an aspiring **Data Science** student, I bring a strong proficiency in Python and a solid foundation in analytical techniques and machine learning algorithms. I'm excited to apply my academic knowledge in a practical setting, contributing to impactful projects and gaining hands-on experience in data-driven problem-solving. My passion lies in leveraging data science skills to drive innovation and make meaningful contributions to real-world challenges.

Educational Background

Bachelor of Technology in Computer Science Engineering (Specialization in Data Science)

2021 - 2025 CGPA - 8.8

Vels Institute of Science, Technology & Advanced Studies

Work Experience

Codeway - Intern

17.01.2024 - 17.02.2024

Completed a 4-week virtual Machine Learning internship at Codeway, gaining hands-on experience in classification, regression, clustering, data preprocessing, and model evaluation.

Technook - Intern

01.01.2024 - 29.02.2024

Completed Technook Python with Data Science internship, working on real-time projects involving Data Cleaning, Analysis, and Visualization.

Tamil Nadu Cyber crime wing intern

01.06.2024 - 04.07.2024

Worked as an intern for the Tamil Nadu Cyber Crime Wing, where I successfully completed a government project. The project's impact was so significant that my internship was extended by an additional month.

Digi 2O -Company

01.06.2024 - 04.07.2024

Worked as an intern at Digi2O, where I developed software to detect defects in complex mechanical parts.

Skills

Technical Skills

- Python
- SQL
- Excel
- C++
- UI

Cognitive Skills

- Communication skills
- Mathematical skills
- Problem Solving Capability

Languages

- English
- Hindi
- Nepali

Certification/Short Courses

- Cyber Security Fundamentals (NIELIT)
- TCS ESG Job Simulation
- Python with Data Science
- Advanced Excel

Projects

1.Project Title: Fraud Credit Card Detection

This fraud detection system swiftly identifies suspicious credit card transactions, enhancing financial security.

Github : <https://github.com/Techynex>

2.Project Title: Spam Message Detection

I automated spam SMS detection using Python, scikit-learn, and Multinomial Naive Bayes, improving SMS security.

Github : <https://github.com/Techynex>

3.Project Title: Renewable Energy Prediction

This project uses linear regression on sustainable energy data to predict renewables' percentage in primary energy, demonstrating data analysis and visualization.

Github : <https://github.com/Techynex>

4.Project Title: Customer churn for subscription based practice

This predict customer churn in banking using Logistic Regression and Random Forest models, allowing user input for adjusted feature values.

Github : <https://github.com/Techynex>

4.Project Title: TamiNadu- Cyber Crime and Criminal Analysis System

Developed a Cyber Crime and Criminal Analysis System for Tamil Nadu, improving data visualization and insights. Analyzed datasets to identify critical patterns for better decision-making

Github : <https://github.com/Techynex/Ncrp-data-analysis>

4.Project Title: DIGI EYE (Defect Detection model)

Created a software solution for defect detection, utilizing a model to identify defects with high accuracy and efficiency for mechanical components .

Github : <https://github.com/Techynex/Defect-Detection>

Achievements

- Attended National Robotic Conference at **IIT Kharagpur**
- Participated in **Smart India Hackathon**.
- Represented VELS University for students meet organised by **Cambridge University** press and assessment.
- Successfully attended mentorship program on Data Science from **Coratia Technologies**.]
- Successfully did a project for the Tamil Nadu Cyber crime wing and got Opportunity to work with our brave police officers.