

# GORIGE VINOD KUMAR

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🔗 <https://github.com/Vinodkumar74846>

## PROFILE SUMMARY

MCA graduate specializing in Data Science, Machine Learning, and Data Analytics with hands-on experience in Python, SQL, Power BI, and predictive modeling. Skilled in data cleaning, exploratory data analysis, dashboard development, and machine learning model building. Developed multiple projects including Fake Job Detection using ML & NLP and Plant Leaf Disease Recognition using CNN. Passionate about applying data-driven insights to solve real-world business problems.

## PROFESSIONAL EXPERIENCE

### Python Developer & Graphic Designer

Intern (MVG Innovations)

08/2024 – 11/2024

Hyderabad

- Performed data cleaning and preprocessing using Python, Pandas, and NumPy.
- Conducted exploratory data analysis (EDA) to identify patterns in datasets.
- Assisted in creating visual reports and dashboards for internal analysis.
- Collaborated with cross-functional teams to deliver project tasks on time.

### AWS Cloud Foundation

Virtual Intern (Edu skills)

05/2023 – 07/2023

Kanigiri

### Sales Force Developer

Virtual Intern (Edu skills)

08/2022 – 10/2022

Kanigiri

## TECHNICAL SKILLS

### • Programming Languages:

Python, SQL (Joins, aggregations, CRUD)

### • Machine Learning:

ML, Deep Learning, Computer Vision

### • Graphic Design:

Canva

### • AI & Data Science:

Artificial Intelligence Concepts, Model Training & Evaluation

### • Data Science Tools:

Power BI, Tableau, R Studio

### • Frameworks:

Flask, Streamlit, Tkinter

### • Visualizations:

matplotlib, seaborn

### Data Analysis:

Pandas, NumPy, Data Cleaning, EDA

### • Web Development:

HTML, CSS

### • Libraries:

Pytorch, OpenCV, PIL, Tesseract, OCR, CNN

### • MS Office:

Excel (Pivot Tables, VLOOKUP, Data Cleaning), PowerPoint, Word

### Tools:

Git, Pycharm

## COURSES & CERTIFICATIONS

### Hackathon

(Cognorise info tech)

### machine learning

(by A2Z Edu learning Hub -- a 5 days short term course)

### Microsoft Certifications

(Certiport)

(Word, Excel, Power Point)

### Power bi

(A webinar certificate by Jobaaj)

### Data Fundamentals

(IBM)

### Online Python Programming

Course

Besant Technologies

### Python

(Master class by Pantech e learnings)

### Python Essentials

(cisco)

## PROJECTS

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### Zomato Dashboard

(Power BI)

Created an interactive dashboard to analyze restaurant ratings, reviews, and sales trends. Provided insights using visual reports to support business decisions. Built interactive Power BI dashboard analyzing 10,000+ restaurant records, improving decision-making efficiency by 25%.

### Student Performance Analysis

(R Studio)

Analyzed student academic data to identify performance trends and key influencing factors. Used statistical analysis and visualizations for better academic decision-making.

### Transport Management system

(Python)

Developed a system to manage vehicle details, routes, and transportation records efficiently. Automated data handling to improve scheduling and reduce manual errors.

### Customer Segmentation Using K- means algorithm

(Data Mining)

Segmented customers based on purchasing behavior using K-means clustering. Helped identify target customer groups for improved marketing strategies.

### Wafer fault detection using MLP classifier

(Big Data Analytics)

Built a machine learning model to detect faults in semiconductor wafer data. Improved fault classification accuracy using a multilayer perceptron model.

### plant leaf disease recognition using CNN

(Deep Learning)

Developed a CNN model to identify plant diseases from leaf images. Improved early disease detection to support agricultural productivity.

### fake job posting detection using ML and NLP

(ML & NLP)

Designed a machine learning model to classify fake and real job postings. Applied NLP techniques to analyze job descriptions and improve detection accuracy.

## ACADEMIC EDUCATION

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### MCA (DATA SCIENCE)

Aurora Deemed to be University  
89%

2023 – 2025  
Hyderabad

### BSC (Computers)

GC & YPN ,Degree college , Acharya Nagarjuna University  
89%

2020 – 2023  
Kanigiri

## RESEARCHES & PUBLICATIONS

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### Research paper

AI-Powered Real-Time Detection of Plastic Waste In Water Bodies Using Aerial and Underwater Imaging  
(Published research paper in ICSSR (2025))

### Journal paper

Fake job posting detection using ml and nlp  
(Published in IJRPR & paper id is - 173201)

## DECLARATION

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I hereby declare that the information in this resume is true to the best of my knowledge and belief