NESAI BHARATH

Phone:9392130369Email:[nesaibharath69@gmail.com](file://localhost/C:/Users/Welcome/Downloads/nesaibharath69%40gmail.com)

LinkedIn:[<https://www.linkedin.com/in/nesai-bharath-741349293>] GitHub: [<https://https/github.com/Bharath-690>]

Portfolio:[<https://nbharath-portfolio.netlify.app/>]

# Professional Summary

Motivated and detail-oriented professional with expertise in Data Science, Data Analytics, and AI/ML Engineering. Strong hands-on experience in Python, SQL, Power BI, machine learning, and data visualization. Skilled in data preprocessing, feature engineering, clustering, classification, and predictive modeling. Proven ability to work with real-world datasets and deliver insights through automation, dashboards, and statistical analysis.

Passionate about applying data-driven methods to solve complex business challenges and build scalable solutions in fast-paced, collaborative environments.

# Technical Skills

Programming Languages: Python, SQL

Machine Learning: Supervised Learning, Unsupervised Learning, K-Means Clustering, Model Evaluation

Deep Learning: CNN, RNN, Transformer

Data Visualization Tools: Power BI, Jupyter Notebook Soft Skills: Communication, Team Collaboration

# Education

Master of Computer Applications (M.C.A) Vikrama Simhapuri University, Nellore 2022 – 2024 | CGPA: 7.2

Bachelor of Science (MECs)

Govt. College for Men(Autonomous), Kadapa 2019 – 2022 | CGPA: 7.4

**Internships**

**AI/ML Intern–Edunet Foundation(AICTE & IBM SkillsBuild)**

*Remote|Jun2025–Jul2025*

* Completed a 6-week AI/ML internship focused on real-world problem- solving.
* Built a guided machine learning project and delivered a final presentation.
* Gained hands-on experience through mentor sessions and self-paced learning.
* Certification to be awarded by **AICTE & Edunet Foundation**.

# Projects

* Crime Rate Prediction and Analysis Using Machine Learning Vikrama Simhapuri University, Nellore |May2024–Aug2024 GitHub: [[Project\_Link](https://github.com/Bharath-690/Crime-rate-prediction-and-analysis-using-Machine-Learning-)]
  + Collected and preprocessed crime data using Python.
  + Handled missing data and applied one-hot encoding.
  + Applied K-Means clustering and elbow method to detect patterns.
  + Built predictive models and visual dashboards for crime trend analysis.
* Milk Supply Chain Analysis Using SQL & Power BI Amul Dairy, Madanapalle | Sep 2024 – Dec 2024 GitHub: [[Project\_Link](https://github.com/Bharath-690/SQL-Based-Data-Cleaning-and-Power-BI-Analysis-of-Amul-BMC-and-Tanker-Data)]
  + Cleaned and structured large-scale supply chain data using SQL.
  + Built dashboards using Power BI for tanker efficiency and milk quality tracking.
  + Delivered operational insights to improve supply chain performance.
* Employee Salary Prediction Using Machine Learning

Internship Project – Edunet Foundation| Jun2025–Jul2025 GitHub: [[Project\_Link](https://github.com/Bharath-690/Employee-Salary-Prediction-Using-Machine-Learning-Classification-Techniques.git)]

* + Developed a Streamlit web app using classification models (Random Forest, Decision Tree, Logistic Regression).
  + Applied SMOTE for class imbalance and improved prediction accuracy.
  + Used Scikit-learn for preprocessing, model training, and evaluation.
  + Visualized insights using Seaborn and Matplotlib.

# Certifications

Python 101 for Data Science – [Cognitive Class](https://courses.cognitiveclass.ai/certificates/0ccfcb0028024b56b1d9faaed7fe96ca) Fundamentals of Python Programming–[Udemy](https://www.udemy.com/certificate/UC-b3ceeead-bf82-4865-9b92-43bbb5a30238/)

# Achievements

Chess(Men)–South Zone Inter-University Tournament, Jan 2024