YARRAMREDDY VENKATA SIVA NAGALAKSHMI

DATA ANALYST

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CAREER OBJECTIVE

Ambitious B.Tech Computer Science (AI) student and aspiring Data Analyst with practical experience in data analysis, machine learning, and data visualization. Skilled in Python, SQL, Power BI, and frontend technologies, focused on delivering meaningful, data-driven insights

EDUCATION

Bachelor of technology in CSE - AI, *Krishna Chaitanya institute of technology and sciences*   08/2022 – Present
CGPA : 7.8   Markapur, India

Intermediate (APBIE)- MPC, *Kamala junior college*   07/2020 – 03/2022
CGPA : 8.0   Markapur, India

SSC AP, *Siddhartha high school*   06/2019 – 04/2020
CGPA : 9.8   Kunta Junction, India

SKILLS

Technical Skills — HTML5, CSS3, JavaScript, Python

Tools&Technologies — Microsoft Excel, Power BI, Jupyter Notebook, GitHub, VS Code, Pandas, NumPy,Netlify,

Databases — SQL, MySQL

Soft Skills — Adaptability, Analytical Thinking, Team collaboration, Time management, Communication

PROJECTS

BELLA -VISTA RESTAURANT WEBSITE
• Built a responsive restaurant website using HTML, CSS, and JavaScript
• Implemented interactive menu and improved UI/UX for better engagement
• Optimized layout for mobile and desktop devices
Tools & Technologies:
HTML5, CSS3, JavaScript, Responsive web design, UI/UX design
Project Link 🔗:https://github.com/NAGALAKSHMI4363/Bella-Vista-Restaurant-website.git

CUSTOMER CHURN PREDICTION
• Built a machine learning model to predict customer churn by performing data preprocessing, exploratory data analysis (EDA), and feature engineering on customer data.
• Trained and evaluated models such as Logistic Regression, Random Forest, and XGBoost using metrics like Accuracy, Precision, Recall, and ROC-AUC to identify churn patterns.
Tools & Technologies:
Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, XGBoost
Project Link 🔗:https://github.com/NAGALAKSHMI4363/CUSTOMER-CHURN-PREDICTION.git

CREDIT CARD FRAUD DETECTION
• Developed a machine learning–based credit card fraud detection system using Python, applying data preprocessing and classification techniques to accurately identify fraudulent transactions and handle imbalanced data.
Tools & Technologies:
Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Jupyter Notebook
Project Link 🔗:https://github.com/NAGALAKSHMI4363/CREDIT-CARD-FRAUD-DETECTION-USING-ML.git

INTERNSHIPS

Full stack Intern, *Naresh technologies*   05/2024 – 07/2024
- Full Stack Development Intern (3 Months)   Hyderabad
- Worked with Frontend (HTML, CSS, JavaScript), React, Django, MongoDB
- Used GitHub for version control and project collaboration

Data science Intern, *Reshapp software solutions Pvt.Ltd*   06/2025 – 08/2025
- Worked on data analysis and machine learning tasks using real-world datasets.   Hyderabad, India
- Performed data cleaning, preprocessing, and exploratory data analysis to identify
  trends and patterns.
- Assisted in building, evaluating, and interpreting machine learning models.
- Documented analytical findings and followed best practices in data handling and
  reporting.

AI&ML Intern, *Vaultsphere AI technologies Pvt.Ltd*   12/2025 – Present
- Developing and validating machine learning models using Python and industry-   Hyderabad, India
  standard libraries.
- Conducting exploratory data analysis and feature engineering to enhance model
  performance.
- Evaluating models using appropriate metrics and refining solutions based on results.
- Contributing to practical, data-driven AI/ML solutions aligned with business
  requirements..

COURSES & CERTIFICATIONS

Devops workshop, *Brainovision solutions India Pvt.Ltd*

Cloud computing with GenAI (workshop), *Reshwanth cloud solutions Pvt.Ltd*

Python, *IBM company*

Full stack python, *Naresh technologies(AICTE)*

Data Science, *AICTE*

PROFILES & LINKS

GITHUB: / /NAGALAKSHMI4363 ⬈

LINKDIN: / /Y.V.Siva Nagalakshmi ⬈

LEETCODE: / /Nagalakshmi4363 ⬈

PORTFOLIO WEBSITE: / /My Portfolio ⬈