KALYAN RAM GOPARABOINA

Computer Science Graduate — 📍 Telangana, India

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PROFESSIONAL SUMMARY

Computer Science Engineering graduate with hands-on experience in Python, SQL, and data analytics through academic projects and industry internships. Proficient in Exploratory Data Analysis (EDA), statistical analysis, data visualization, and machine learning techniques including regression and classification. Experienced in working with structured datasets, developing analytical dashboards, and building data-driven solutions to support decision-making. Strong foundation in software development and database management, seeking an entry-level Software Engineer, Data Analyst, or Data Scientist position.

EDUCATION

Bachelor of Engineering in Computer Science and Engineering	2021 – 2025
Kamala Institute of Technology and Science, Telangana (JNTUH)	CGPA: 6.5
Intermediate (MPC)	2019 – 2021
SR Junior College, Telangana	GPA: 8.6
Secondary Education (SSC)	2018 – 2019
Saketha High School, Telangana	CGPA: 9.0

TECHNICAL SKILLS

Programming: Python, SQL, HTML, CSS, JavaScript
Data Analysis: Data Cleaning, Exploratory Data Analysis (EDA), Feature Engineering
Machine Learning: Regression, Classification, Natural Language Processing (NLP), Model Evaluation
Visualization: Matplotlib, Seaborn, Tableau
Tools: Git, VS Code, Jupyter Notebook, Excel
Databases: MySQL
Statistics: Descriptive Statistics, Probability, Hypothesis Testing

PROJECTS

Solar Power Generation
github.com/KalyanRamGoparaboina/Solarpowergeneration

- Analyzed historical solar power generation data using Python and Pandas to identify trends, seasonal patterns, and performance variations.
- Developed dashboards and summary reports to support analytical decision-making.
- Evaluated the impact of temperature and solar irradiation on power output efficiency using statistical analysis.

Resume Classification Project
github.com/KalyanRamGoparaboina/Resume-Classification

- Processed and structured resume datasets using Python and SQL for skill extraction and role classification.
- Applied machine learning classification models to identify role-based patterns and trends.
- Improved dataset consistency and reporting accuracy through preprocessing and feature engineering techniques.

Bus Booking System
github.com/KalyanRamGoparaboina/Bus-Booking-System

- Developed a web-based bus booking system using HTML, CSS, JavaScript, and SQL to manage ticket reservations and seat allocation.
- Designed and integrated a relational database to securely store passenger information, booking history, and transaction records.

INTERNSHIP EXPERIENCE

Data Science Intern — AI Variant — Remote (6 Months)

- Performed data cleaning, preprocessing, and Exploratory Data Analysis (EDA) on structured datasets.
- Built regression and classification models to extract meaningful insights and patterns.
- Created dashboards and visualizations to communicate analytical findings effectively.

Juniper Network Intern — Remote (3 Months)

- Gained practical exposure to networking concepts including routing, switching, and network security.
- Assisted in configuration, monitoring, and troubleshooting tasks to ensure network performance and reliability.

CERTIFICATIONS

- Data Science using Machine Learning with R and Python – ExcelR Solutions
- Generative AI Professional – Oracle University
- Data Analytics and Visualization – Brain O Vision
- Python Essentials – Cisco Networking Academy
- AI Vector Search – Oracle University