# KALYAN RAM GOPARABOINA

Computer Science Graduate — Telangana, India

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## PROFESSIONAL SUMMARY

Computer Science Engineering graduate with strong proficiency in Python and SQL, and hands-on experience in data analysis and machine learning. Skilled in data preprocessing, exploratory data analysis (EDA), feature engineering, and building predictive models using real-world datasets. Experienced in developing analytical dashboards and generating insights to support data-driven decision making. Seeking entry-level Data Scientist or Data Analyst roles.

## EDUCATION

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|---|---|
| **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 Languages:** Python, SQL
**Data Analysis:** Pandas, NumPy, Data Cleaning, EDA
**Machine Learning:** Regression, Classification, Model Training, Model Evaluation
**NLP:** Text Preprocessing, TF-IDF
**Visualization Tools:** Matplotlib, Tableau
**Tools:** Scikit-learn, Streamlit, Git, VS Code
**Concepts:** Statistics Basics

## PROJECTS

**Solar Power Generation Prediction** — Python, Machine Learning, Streamlit
github.com/KalyanRamGoparaboina/Solarpowergeneration
- Built a predictive machine learning model to estimate solar power generation using historical environmental data
- Performed data preprocessing and exploratory data analysis to identify key features impacting energy output
- Evaluated regression models and deployed predictions through an interactive Streamlit dashboard

**Resume Classification System** — Python, NLP, Machine Learning
github.com/KalyanRamGoparaboina/Resume-Classification
- Developed an NLP-based resume classification system to categorize resumes into job roles
- Applied text preprocessing and TF-IDF vectorization for feature extraction
- Trained and evaluated classification models to improve prediction accuracy

**Bus Booking Web Application** — Python, SQL
github.com/KalyanRamGoparaboina/Bus-Booking-System
- Analyzed booking data and designed structured SQL databases for reservation management
- Implemented backend logic to manage transactional data efficiently
- Ensured data consistency and validation during booking operations

## INTERNSHIP EXPERIENCE

**Data Science Intern** — AI Variant — Remote    6 Months
- Performed data cleaning, preprocessing, and exploratory data analysis on multiple datasets
- Built machine learning models for prediction and classification problems
- Conducted feature engineering and evaluated models using performance metrics
- Developed dashboards and reports to communicate analytical insights

**Networking Intern** — Juniper Networks — Virtual    3 Months
- Learned fundamentals of enterprise networking and system architecture
- Gained exposure to troubleshooting and technical documentation

## CERTIFICATIONS

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