VAMSI KRISHNA GOPIDESI

Innovator,Quick Learner,Problem Solver
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OBJECTIVE

Recent Computer Science graduate with a specialization in Data Science and strong foundations in software development, data structures, and algorithms. Proficient in Python, SQL, and version control (Git), with hands-on experience in building applications using machine learning, web technologies, and collaborative tools. Eager to contribute to a dynamic engineering team as a Graduate Trainee or Software Engineer by applying problem-solving skills, coding proficiency, and a quick learning attitude to real-world challenges

EDUCATION

B.Tech in Computer Science and Engineering with a specialization in Data Science. **2022-2025**
- Srinivasa Ramanujan Institute of Technology, Anantapur. CGPA - 8.13

COURSES

Data Science Certification | ExcelR Solutions | 6 Months | 2024
- Specialized in Python, Machine Learning, Deep Learning, Statistics, SQL, EDA, and PowerBI.

SKILLS

Programming: Python, SQL, HTML & CSS, Excel
Data Analysis & Processing: NumPy, Pandas, Data Cleaning
Visualization Tools: Matplotlib, Seaborn, Power BI
Machine Learning: Scikit-learn, NLP, Text Mining
Deep Learning: CNN, RNN, ANN, TensorFlow
Tools & Platforms: Jupyter Notebook, Google Colab, VS Code, Git & GitHub
Mathematics: Probability and Statistics

CERTIFICATIONS

- Data Science Certification Course , 6 Months, ExcelR Solutions.

EXPERIENCE

- **Data Science Intern**

Ai Variant, Bangalore, India (Jul 2024 – Jan 2025)
- Reduced data preprocessing time by 25% by optimizing cleaning pipelines.
- Conducted exploratory data analysis on 5000+ records, delivering actionable insights to stakeholders.
- Built machine learning models achieving 90%+ accuracy, enhancing project outcomes.
- Documented workflows and model insights, increasing team efficiency by 30% for future projects.

PROJECTS

Project Title: Solar Panel Power Generation Prediction || Live App
- Developed and deployed a regression model using ML and Streamlit to predict solar panel power generation.
- Provided predictive insights to optimize solar energy usage and efficiency.
- Integrated data visualization dashboards for real-time monitoring of power output trends.
- **Tech Stack:** Python, Machine Learning, Streamlit

Project Title: Smartphone Addiction Prediction Model. || Live App
- Built a Smartphone Addiction Predictor using Logistic Regression on user behavior and demographics.
- Deployed the application on Streamlit for intuitive and efficient user access.
- Enabled personalized risk assessment to raise awareness and encourage healthy smartphone usage habits.
- **Tech Stack:** Python, Machine Learning, Streamlit

Project Title: Book Recommendation System. || Live App
- Developed a Book Recommendation System leveraging item-based collaborative filtering.
- Optimized recommendations using Cosine Similarity for precise results.
- Integrated an interactive Streamlit interface for seamless user experience.
- **Tech Stack:** Python, Scikit-learn, Deep Learning, Streamlit

EXTRACURRICULAR ACTIVITIES

NCC (JUO Rank Holder): Attended for National level Army Attachment Camp at Army Base, Secunderabad.
NSS(National Service Scheme): Students Head Coordinator.
Running: Competed in a state-level competition as part of IPSGM.