VAMSI KRISHNA GOPIDESI

Innovator,Quick Learner,Problem Solver

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OBJECTIVE

Recent Computer Science graduate specialized in Data Science with hands-on experience in Python, SQL, ML, and data visualization. Eager to contribute to a dynamic engineering team by applying strong problem-solving, analytics, and coding skills to real-world projects.

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.

TECHNICAL SKILLS

Technical & Tools: Python, SQL, Git, Excel.
Data Analysis: Pandas, NumPy, Data Cleaning, EDA.
Visualization: Matplotlib, Seaborn, PowerBI (Familiar with).
Machine Learning: Scikit-learn, Logistic/Linear Regression, NLP.
Deep Learning: TensorFlow, CNN, RNN, ANN.
Mathematics: Probability, Statistics.
Platfroms: Jupyter Notebook, Google Colab, VS Code, IDLE.
Soft Skills: Analytical thinking & attention to detail & Client communication & adaptability.

CERTIFICATIONS

• Data Science Certification | 6 Months | ExcelR Solutions | 2024.
• AWS Academy Graduate - Cloud Foundation, Architecting, Developing Training Badges.
  • Credly Link - View Here

INTERNSHIP EXPERIENCE

• **Data Science Intern | AI Variant | Bangalore | Jul 2024 – Jan 2025**
  • Reduced data preprocessing time by 25% by optimizing cleaning pipelines.
  • Conducted data cleaning and validation on 5000+ records, Providing actionable insights to stakeholders.
  • Built machine learning models achieving 90%+ accuracy, improving prediction efficiency by 20%.
  • Documented workflows and model insights, increasing team efficiency by 30%.

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.

EXTRACURRICULAR ACTIVITIES

NCC (JUO Rank Holder): Attended for National level Army Attachment Camp at Army Base, Secunderabad.
NSS(National Service Scheme): Students Head Coordinator.