# VAMSHIDHAR REDDY KALLAKUNTLA

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## SUMMARY


Data Analyst graduate student skilled in SQL, Python, Excel, Tableau and Power BI. Experienced in analyzing and visualizing complex datasets to support data-driven strategies and business decisions. Adept at building interactive dashboards, automating reports, and collaborating with cross-functional teams to deliver actionable insights that improve performance and efficiency.


## EDUCATION

**M.S. in Data Science – Data Analytics** **Aug 2024 - Dec 2025**
*Florida Atlantic University*, GPA: 3.85 Miami, FL
Relevant Courses: Probability & Statistics, Data Mining & Warehousing, Data visualization, Machine Learning

**Bachelor of Technology in Computer Science and Engineering-Specialization in AI & ML** **August 2024**
*Bharath Institute of Higher Education and Research* Chennai, India

## TECHNICAL SKILLS

- **Programming:** SQL, Python, R, Core Java
- **Technologies:** Machine Learning
- **Databases:** MySQL
- **Visualization Tools:** Tableau, PowerBI, Microsoft Excel
- **Tools:** Google Colab, Jupyter Notebook

## WORK EXPERIENCE

**DATA SCIENCE WITH AI INTERN** **OCT - DEC 2022**

- Applied data preprocessing techniques to clean and prepare datasets for machine learning in Artificial Intelligence projects.
- Utilized data analysis and visualization tools to extract insights, contributing to the development of AI models.
- Assisted in training and evaluating machine learning models, improving their accuracy and performance. Successfully completed the internship, earning a verified certificate that demonstrates proficiency in data science and AI techniques.

## PROJECTS

- **Virtual Mouse Using Hand Gestures** **Apr 2024 – May 2024**
  The project addressed the need for a touchless, user-friendly input device to improve accessibility and hygiene. Using real-time hand gesture data captured via webcam, and employing Python, OpenCV, and MediaPipe, the system performed gesture recognition to control mouse functions. The solution enhances user experience for individuals with disabilities and in environments requiring contactless interaction.
- **Fake Online Review Detection** **Jan 2023 – Feb 2023**
  The project focused on identifying fraudulent online reviews to help businesses maintain trustworthy customer feedback. Using a dataset of structured review data, text features were extracted and analyzed with machine learning classification algorithms in Python. The model successfully distinguished fake reviews from genuine ones, providing actionable insights to improve review monitoring and protect brand reputation.
- **Sentimental Analysis** **Feb 2022 – Mar 2022**
  The project aimed to analyze customer opinions by classifying text data into positive, negative, or neutral sentiments. Using Python and natural language processing techniques, the model processed social media and review data to extract meaningful sentiment patterns. The results helped businesses understand customer feedback and improve products and services accordingly.

## CERTIFICATIONS

- Cloud Practitioner Foundational – AWS
- Google Data Analytics Capstone – Coursera
- Data Analysis with R programming - Coursera
- Infrastructure and Application Modernization with Google Cloud - Google Cloud
- Foundations of Cybersecurity - Google/Coursera

## VOLUNTEER EXPERIENCE

**Data Entry Associate -**Checked data accuracy & recorded information in system.