Jashwanth Dasari

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SUMMARY

Data Science and Machine Learning enthusiast with expertise in Python, SQL, and Data Visualization. Experienced in developing AI-driven solutions, database management, and cloud computing. Passionate about leveraging analytics for real-world impact and problem-solving.

EDUCATION

Florida Atlantic University, *Masters in Data Science and Analytics* |Florida, USA   GPA: 3.84 / 4.0   **Dec 2025**
Key Coursework: Data Science, DBMS, Data Mining and Machine Learning, Cloud Computing, NLP, IR, Gen Ai Software Dev Lifecycles

Kamala Institute of Technology, *Bachelors in Electronics and Communication* |India GPA: 3.18 / 4.0   **July 2023**
Relevant Coursework: SQL, Data Analytics, AI & IoT, Digital Signal Processing, Embedded Systems, VLSI

ACADEMIC PROJECTS

Predicting Maternal Health Risks Using Fitbit Data   **March 2025**
- Developed a machine learning model to predict high-risk maternal health conditions (postpartum depression, preeclampsia, etc.) by analyzing Fitbit data at different pregnancy stages.

Generative AI for Resume Enhancement   **January 2025**
- Built an AI-powered tool to analyze and enhance resumes using NLP and Generative AI models.

Project Lead, Smart Parking System using Python and OpenCV   **March 2023 – May 2023**
- Managed a team to develop an advanced real-time deep-learning algorithm for a smart parking system.
- This method enables efficient and smart automatic parking space detection, reducing human effort and recognizing occupied and accessible spaces using OpenCV, Deep Learning for Smart Parking.
- Achieved 25% faster parking space detection compared to traditional methods.

SQL Data Analysis on Healthcare Services   **August 2022 - September 2022**
- Analyzed patient and service information to uncover trends using complex SQL queries.
- Optimized database performance by indexing and query tuning.

PUBLICATIONS

- *Smart Parking System using Python and OpenCV* [DOI]   **August 2023**
  Published in the "International Journal for Research in Applied Science and Engineering Technology (IJRASET)", ISSN:2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538, Volume 11 Issue VIII.

- *Smart Ration Card System using RFID & IoT* [DOI]   **May 2023**
  Presented at "FACET-23",National Conference.

ACHIEVEMENTS & CERTIFICATIONS

- GATE-2023, Organized by IIT Kanpur (AIR-3361)
- Course completion certificate for Introduction to Data Science by Cisco   **November 2023**
- Course completion certificate for Data Analytics Essentials by Cisco   **November 2023**
- Google Data Analytics Certificate   **April 2024**
- Python for Data Science and Machine Learning Bootcamp (Udemy)   **March 2024**
- Course completion certificate for C++ by LinkedIn Learning   **February 2023**
- Course completion certificate for Python by Infosys Springboard   **May 2022**
- Artificial Intelligence course by Accenture   **March 2022**
- Presented a paper on AI & Robotics conducted by NCIET-22   **March 2022**

TECHNICAL SKILLS

Programming	Python, R, SQL, C
Web & Scripting	HTML5, CSS3, JavaScript
Data Analysis & Visualization	Pandas, NumPy, Matplotlib, Seaborn, Power BI, Tableau
Databases & Cloud	MySQL, PostgreSQL, MongoDB, Google Cloud, AWS (Basic)
Tools & Technologies	Jupyter Notebook, Git, Github, Docker, Excel

WORKSHOPS & CO-CURRICULAR ACTIVITIES

- Led a 3-day Environmental awareness campaign, distributing 500+ plants to the students and staff at KITSOZEN'22
- Submitted a solution a problem statement in "Smart India Hackathon 2022"

LANGUAGES

- Fluent in English, Telugu, and Hindi (Oral & Written)