

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

EXPERIENCE

Front Desk Staff (FDS) *Dept of Housing and Residential Education, FAU* **Aug 2025 – Present**

- Providing administrative support, assisting residents, and maintaining efficient front desk operations.

IT/Data Analyst Intern *Help Us Grow (H.U.G) Reading Program*

Mar 2025 – Present

- Working with real-time data to optimize program insights and decision-making.

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.

Project Lead, Smart Parking System using Python and OpenCV

March 2023 – May 2023

- Led a team to develop a real-time deep-learning algorithm for smart parking using OpenCV. Enables automatic parking space detection, reducing human effort and recognizing occupied and accessible spaces.
- 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.

Presented a paper on AI & Robotics conducted by NCIET-22

March 2022

ACHIEVEMENTS & CERTIFICATIONS

- Winner - All of Us Hackathon:** Developed a predictive model to identify high-risk maternal health patients using Fitbit data.

GATE-2023, Organized by IIT Kanpur (AIR-3361)

Google Data Analytics Certificate

April 2024

Cisco Course Completion Certificate: Intro to Data Science, Data Analytics

November 2023

Course completion certificate for Python by Infosys Springboard

May 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)