# Jagadesh Damarasingu

## Entry Level Data Science Job Seeker

Computer Science graduate skilled in Python, SQL, and machine learning, with hands-on experience from academic projects and internships. Achieved 95% in Python certification, ranked in the top 10% of the class, and improved lab and database efficiency by 20% and 30% respectively.

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🔗 github.com/Jagadesh2401

## EDUCATION

### BTech
Dr. BR Ambedkar University College of Engineering

*2022 - Present*                                      *Srikakulam*

*Computer Science and Engineering*

- Joined as a lateral entry student into the second year. Focused on software development, algorithms, data structures, and database systems with hands-on project experience.

### Diploma
Govt. Polytechnic College

*2018 - 2021*                                      *Amdalavalasa*

### SSC X
R.C.M Loyola High School

*2017 - 2018*                                      *Srikakulam*

## WORK EXPERIENCE

### Data Science Intern
InternsElite

*06/2025 - Present*

## CERTIFICATES

Data Analytics Job Simulation
*Forage*

Data Analysis Using Python
*IBM*

Programming for Everybody (Getting Started with Python)
*University of Michigan*

Preparing Data for Analysis with Microsoft Excel
*Microsoft*

Tata - GenAI Powered Data Analytics Job Simulation
*Forage*

SQL and Relational Databases 101
*Cognitive Class*

## SKILLS

Machine Learning   Python Programming
Power BI   Data Analysis   SQL
Engineering Drawing   Microsoft Word
Microsoft Excel   Microsoft PowerPoint   Auto CAD
Communication

## PERSONAL PROJECTS

**Credit Card Fraud Detection using Machine Learning Algorithms**
- Developed an end-to-end fraud detection system using Python, XGBoost, and Streamlit. Handled imbalanced data with SMOTE, applied feature scaling, and achieved high ROC-AUC. Deployed an interactive web app for real-time predictions and saved the model using joblib for efficient reuse.

**AI Chatbot for Mental Health Support**
- Built a session-based conversational chatbot using Hugging Face's DialoGPT and deployed it via a Flask REST API. Enabled real-time dialogue with persistent chat history and dynamic session management. Implemented message logging to a CSV file for tracking user interactions and improving future model iterations. Integrated Hugging Face Transformers and PyTorch for natural language generation.

## ACHIEVEMENTS

Initiated and led a project increasing efficiency by 20% in mechanical lab.

Improved database query performance by 30% during internship using SQL optimization techniques.

## LANGUAGES

ENGLISH
*Full Professional Proficiency*

TELUGU
*Native or Bilingual Proficiency*

HINDI
*Professional Working Proficiency*

## INTERESTS & HOBBIES

Playing Cricket   Photography   Watching Movies
Listening Music