

# JAGADESH DAMARASINGU

Fresher | CSE Graduate | Machine Learning & Data Analytics | Python • SQL • Excel

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Srikakulam



## SUMMARY

Computer Science professional with 3 years of experience in software development and data analysis, expert in Python programming and machine learning. Key achievements include achieving 95% in Python certification, ranking in the top 10% of the class academically, initiating a project that increased efficiency by 20% in a mechanical lab, and improving database query performance by 30% during an internship. Seeking a Python Developer position at your esteemed company, where I bring my software development and data analysis skills to support your mission of leveraging technology for meaningful outcomes.

## EDUCATION

- Bachelor of Technology - BTech, Computer Science**  
**Dr.B.R.Ambedkar University, Etcherla**  
05/2022 - 05/2025 Srikakulam  
GPA **7.0** / 10
  - 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, Mechanical Engineering**  
**Government polytechnic college amadalavalasa**  
08/2018 - 04/2021 Srikakulam  
GPA **6.8** / 10
  - Gained core mechanical engineering knowledge and practical skills through labs, workshops, and project work.
- Secondary School Certificate (SSC)**  
**RCM Loyola High School, Srikakulam, Andhra Pradesh**  
06/2011 - 04/2018 Srikakulam  
GPA **8.5** / 10
  - Completed 10th standard with strong academic performance, laying a solid foundation in mathematics and science.

## PROJECTS

### Malware Detection Systems Based Advanced Machine Learning

A study on leveraging advanced machine learning algorithms to detect and classify malware more accurately and efficiently. The system analyzes patterns in executable files and network behavior to identify threats in real time, improving cybersecurity defense mechanisms.

### Sign Language Recognition Using Machine Learning

Built a system to recognize hand gestures and translate them into text using machine learning and image processing, improving accessibility for the hearing and speech impaired.

## KEY ACHIEVEMENTS

- Python Certification Success**  
Achieved 95% in Python certification, enhancing data analysis skills.
- High Academic Performance**  
Completed BTech with a cumulative score of 85%, ranking top 10% in class.
- Project Leadership**  
Initiated and led a project increasing efficiency by 20% in mechanical lab.
- Database Optimization**  
Improved database query performance by 30% during internship using SQL optimization techniques.

## SKILLS

Engineering Drawing	Data Analysis
Machine learning	Python Programming
Microsoft Excel	Power BI
Communication	AutoCAD

## LANGUAGES

English	Advanced	●●●●●
Telugu	Proficient	●●●●●
Hindi	Beginner	●●●●●

## HOBBY

- Photography
- Playing Cricket
- Listening to Music
- Watching Movies