



# John Deo

## B.Tech- CSE- (AI&DS)

### Objective

Proactive, resourceful professional, and talented for finding creative solutions to problems and simplifying work. thrives in hectic settings, accurately juggling several priorities while maintaining a cooperative attitude. devoted to maintaining growth and surpassing group goals by using innovative and strategic problem-solving techniques

### Internship

#### Role

Feb 2024 - June 2024 | Company Name



- Talk about your internship experiences

### Projects

#### Project 1 .- YoloV5s - August - November 2024

- Developed a real-time LPR system using YOLOv5s and EasyOCR, achieving 92% mAP for license plate detection on live campus videos from Woxsen University.
- Processed 151 HD videos, optimizing time efficiency with frame extraction and OpenCV for plate isolation.
- Built a Tkinter interface for video uploads and automated Excel logging of recognized plates.

#### Project - 2 - One Short Learning - January - April 2024

- Developed an end-to-end latent fingerprint recognition system using one-shot and few-shot learning with a DenseNet121-based prototypical network.
- Achieved 91.66% test accuracy, 93.32% F1 score, and 93.93% precision on the IIIT-D latent fingerprint dataset.
- Optimized for accurate recognition with limited data, demonstrating real-world effectiveness.

#### Project - 3 -- AWS, Web Development, Cloud Database Integration. - February - April 2024

- Built an end-to-end medicine management system for the university, using AWS for secure, scalable cloud storage.
- Developed a user-friendly web app to manage medical records, integrating seamlessly with existing university infrastructure.
- Optimized for reliability and scalability to support university healthcare needs.

#### Project 4 — Python, T5, BART, Transformer Architectures - October - November 2023

- Developed an advanced NLP module using fine-tuned T5 and BART models for tasks like summarization, translation, and sentiment analysis.
- Leveraged Python and transformer architectures to enhance NLP capabilities and optimize LLM performance.

### Certifications

- | 2023-03 | Introduction to Artificial Intelligence - Coursera
- | 2023-05 | Data Analysis with Python - Coursera
- | 2023-06 | Introduction to C# Programming and Unity - Coursera
- | 2023-06 | Data Visualization with Python - Coursera
- | 2023-10 | Python Programming Essentials - Coursera

### Publishment

Conference, Journal, Patent Etc.,

### Contact

- 📞 9490778017
- ✉ Mail ID
- 📍 Hyderabad, Telangana | India
- 🔗 Link
- 🔗 Link

### Academics

Woxsen University | Hyderabad  
2021 - 2025 | Bachelor of Technology - 4/4.0

Aditya Junior College | Hyderabad  
2018 - 2021 | Intermediate - 89.3%

School | Hyderabad  
2009 - 2018 | Schooling - 98%

### Skills

- Programming Languages: Python, Java
- Data Analysis & Visualization
- Machine Learning & Deep Learning
- Computer Vision
- Database Management
- Neural Networks
- Data Structures & Algorithms
- Natural Language Processing (NLP)

### Tools

- SQL & MongoDB
- Machine Learning Libraries
- Cloud Platforms (e.g., AWS for database integration)

### Languages

- English - Fluent
- Telugu - Fluent
- Hindi. - Fluent
- French - Fluent

### Professional Skills

- Flexible
- Planning and Coordination
- Teamwork and Collaboration