

# CH.D.G Shankar Bonam

Peddapuram, India — bonamgshankar@gmail.com — +91-9110560147 — Portfolio — LinkedIn — GitHub

## Summary

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Aspiring AI/ML Engineer with expertise in Python, Java, and JavaScript. Skilled in Deep Learning (DL), Natural Language Processing (NLP), and Full-Stack Development. Developed 5+ projects, including a sentiment analysis model with 85% accuracy and a food delivery platform that reduced cart abandonment by 20%. Passionate about leveraging AI to solve real-world problems and create scalable, impactful solutions.

## Education

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**Bachelor of Technology (B.Tech), CSE (AI & ML)**  
Aditya College of Engineering and Technology, Surampalem  
Jun 2022 - Present — CGPA: 8.16 — Percentage: 74.1%

**Intermediate (12th)**  
Pragati Vidyalaya Junior College, Samalkota  
Jun 2020 - May 2022 — Percentage: 87.3%

**Secondary School Certificate (10th)**  
Lutheran E.M. School, Peddapuram  
Jun 2019 - May 2020 — Percentage: 76%

## Technical Skills

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**Programming Languages:** Python, Java, JavaScript  
**AI/ML Libraries:** TensorFlow, Keras, Scikit-learn, NLTK, SpaCy  
**Frameworks:** React.js, Node.js, Express.js, Tailwind CSS

**Databases:** MongoDB, SQL  
**Tools:** Git, GitHub, Jupyter Notebook, Google Colab  
**Other Skills:** Data Structures and Algorithms (DSA), Full-Stack Development, Deep Learning, NLP

## Projects

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**Food Delivery Website** (digital-diner.netlify.app)  
- Full-stack platform with cart, wishlist, and authentication.  
- Improved user experience by reducing cart abandonment by 20%.  
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB.  
**Song Player** (mellifluous-cobbler-860aa2.netlify.app)  
- Responsive music player with play/pause/volume features.  
- Achieved 500+ downloads on GitHub.  
- **Tech Stack:** HTML, CSS, JavaScript.

**Sentiment Analysis using NLP**  
- Built sentiment model with 85% accuracy using 10K+ text samples.  
- **Tech Stack:** Python, TensorFlow, NLTK, SpaCy.  
**Image Classification (CIFAR-10)**  
- CNN model trained to 90% accuracy on CIFAR-10 dataset.  
- **Tech Stack:** Python, PyTorch, NumPy, Matplotlib.

## Achievements

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- **Certifications:** NLP with Python (APSSDC, 2024), HTML/CSS/JS (Udemy, 2023), Java Programming (Udemy, 2023).
- **Competitive Programming:** 140+ on CodeChef (Rating 500+), 90+ on GeeksforGeeks (School Rank 15), 20+ on LeetCode (Top 50%).

## Languages and Soft Skills

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### Languages:

- **Telugu:** Native Proficiency
- **English:** Professional Working Proficiency
- **Hindi:** Limited Working Proficiency
- **Japanese:** Beginner (JLPT N5 Level)

### Soft Skills:

- Problem Solving
- Team Collaboration
- Communication
- Time Management
- Adaptability