

# POLADASU RAMESH GOUD

[poladasurameshgoud@gmail.com](mailto:poladasurameshgoud@gmail.com) — 9866941965  
[GitHub](#) — [LinkedIn](#) — [LeetCode](#) — [GeeksforGeeks](#) — [CodeChef](#)

## Profile Summary

Aspiring Software Engineer with a strong foundation in Data Structures, Algorithms, and Machine Learning. Passionate about problem-solving and Java development, with experience in competitive programming. Seeking an opportunity to apply technical skills, gain hands-on experience, and contribute to innovative software solutions.

## Education

<b>Rajeev Gandhi Memorial College of Engineering and Technology</b> , Nandyal	2022 – Present
B.Tech in Data Science	<b>CGPA: 8.78 (Pursuing)</b>
<b>Rao's Junior College</b> , Nandyal	2020 – 2022
Intermediate (MPC)	<b>Percentage: 83.9%</b>
<b>Excellent English Medium High School</b> , Nandyal	2018 – 2020
Secondary Education	<b>Percentage: 97%</b>

## Technical Skills

- **Programming Languages:** Java, Python, JavaScript
- **Machine Learning:** Scikit-learn, Pandas, NumPy, Model Training
- **Web Development:** HTML, CSS, React
- **Tools & Platforms:** Git, GitHub, VS Code
- **Competitive Programming:** LeetCode, GeeksforGeeks, HackerRank

## Projects

### Facial Emotion Recognition using Deep Learning ([GitHub](#))

- Implemented real-time facial emotion detection pipeline using YOLOv8 achieving 90% accuracy.
- Optimized model performance using OpenCV and Flask for real-time webcam input.
- Integrated DeepFace for emotion analysis, enhancing system capability to detect emotions.

### Salary Prediction Model ([GitHub](#) — [Live Demo](#))

- Developed a machine learning model using **Linear Regression**, **Decision Trees**.
- Performed feature engineering and evaluated model accuracy through error metrics.
- Created interactive **data visualizations** to analyze salary trends and model results.

## Certifications

- **Python for Data Science and Machine Learning** – Udemy
- **The Complete JavaScript Course 2024: From Zero to Expert!** – Udemy

## Achievements

- 5-star in Java on HackerRank
- 4-star in Python on HackerRank
- 3-star in Problem Solving on HackerRank
- Solved 450+ problems on various platforms