

POLADASU RAMESH GOUD

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[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.

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

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

Projects

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

- Built a deep learning system using **YOLOv8** for face detection and **DeepFace** for emotion classification.
- Enabled real-time webcam support and image uploads using **OpenCV** and **Flask**.
- Applied **data augmentation** techniques to improve model accuracy.

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

Education

Rajeev Gandhi Memorial College of Engineering and Technology

B.Tech in Data Science

CGPA: 8.78

Rao's Junior College

Intermediate

83.9%

Excellent English Medium High School

Secondary Education

97%