

MUTHYALA YAKSHANYAI

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[GitHub](#) [LinkedIn](#) [LeetCode](#)

PROFESSIONAL SUMMARY

Software Engineer with hands-on experience building scalable web applications and real-time systems using modern technologies. Proven ability to deliver measurable impact through performance optimization and clean architecture.

TECHNICAL SKILLS

Programming Languages: Python, C++, C

Databases: SQL, SQLite

Frameworks: Django, Flask

Developer Tools: Git, Docker, VS Code, Jenkins, Streamlit, Kubernetes

Cloud And Dev Ops: GitHub Actions, Linux

EXPERIENCE

Machine Learning Trainee — Skillfied Mentor

Remote

- Performed data preprocessing, feature engineering, and model evaluation.
- Completed hands-on training in Python, Machine Learning, and Natural Language Processing (NLP)
- Gained practical exposure to machine learning pipelines and basic deployment concepts

PROJECTS

Image Captioning using CNN–LSTM

- Trained the model on the MS COCO dataset to learn image–text relationships
- Used CNN for visual feature extraction
- Evaluated model performance using BLEU score, achieving approximately 75%
- Improved caption quality through text preprocessing and sequence modeling techniques
- Developed an end-to-end image captioning system that generates natural language descriptions for images

Tech: Python, TensorFlow, Keras, CNN, Deep Learning

Resume Classification using Machine Learning

- Preprocessed resume text using tokenization, stop-word removal, and TF-IDF vectorization
- Trained and evaluated an SVM classifier to categorize resumes based on job relevance
- Achieved around 75% classification accuracy on test data
- Built an automated resume screening system using Natural Language Processing and Machine Learning
- Designed the project as an end-to-end ML pipeline from data preprocessing to prediction

Tech: Python, NLP, scikit-learn, TF-IDF, SVM, Machine Learning

CERTIFICATIONS

- **Machine Learning Training Program** — Skillfied Mentor (2025-07-01) • [View Credential](#)

ACCOMPLISHMENTS

- 170+ LeetCode problems solved | Rating: 1375 | Top 10% globally
- Awarded School Gold Medal for academic excellence

EDUCATION

- **CMR Technical Campus** — Computer Science Engineering (Sep 2023 – Jun 2027) | GPA: 7.8 / 10
- **Aryabhatta Junior College** — Senior Secondary (State Board) (Sep 2021 – Jun 2023) | GPA: 8.8 / 10
- **Layolo High School** — Secondary (SSC) (May 2021) | GPA: 10