Daniel Joseph Kommu

Final-Year B.Tech — Computer Science (Data Science) | Graduating May 2026

Vijayawada, India | +91-9390217611 | dannyjoseph3007@outlook.com

linkedin.com/in/daniel-joseph-kommu | github.com/d3005

Career Objective

Seeking an entry-level AI/ML role where I can apply my expertise in machine learning pipelines, Generative AI, and scalable deployment to deliver reliable, real-world AI-driven solutions that create measurable business impact.

Education

B.Tech in Computer Science (Data Science)   2022 – 2026

Rise Krishna Sai Prakasam Group of Institutions, Ongole

CGPA: 7.8 / 10

Relevant Coursework: Machine Learning, Deep Learning, Cloud Computing, Data Structures, Algorithms

Technical Skills

Programming: Python (Advanced), Java (Intermediate), C (Intermediate)
Databases: SQL — relational queries, joins, indexing, optimization
Core ML / AI: Supervised & Unsupervised Learning, NLP, Computer Vision, Recommender Systems
Frameworks: TensorFlow, PyTorch, scikit-learn, Pandas, NumPy, OpenCV
Deployment / Cloud: Flask, REST APIs, Docker, AWS, CI/CD, Git, GitHub Actions
Generative AI: LLMs, Prompt Engineering, RAG

Internship Experience

GenAI Engineer Intern — QWATCH Digital Security Innovations (Remote)   Jan 2025 – Mar 2025

- Engineered Generative AI prototypes using LLMs, prompt engineering, and RAG pipelines for security-focused AI applications.
- Optimized retrieval strategies and prompt design, improving response relevance and consistency.

Data Science Intern — Coding Raja Technologies (Remote)   Jul 2024 – Aug 2024

- Optimized fraud detection models on 100K+ transactions, achieving 95% accuracy and reducing inference latency by 30%.
- Reduced false positives by $\sim 20\%$ through feature engineering and decision-threshold tuning.

Machine Learning Intern — Next24Tech (Remote)   May 2024 – Jun 2024

- Built NLP-based multi-class classification system on 50K+ documents with 88% accuracy.
- Deployed scalable ML inference APIs using Flask and Gunicorn.

Projects

E-commerce Product Recommendation System   ⚬

- Designed and deployed a hybrid recommender for a simulated e-commerce platform with 10K+ users.
- Improved click-through rate by 28% and reduced system latency by 15%.

Tweet Sentiment Analysis   ⚬

- Implemented end-to-end NLP pipeline on 10K+ tweets using TF-IDF and Logistic Regression.
- Achieved 85% F1-score while reducing training time by 20%.

CrimeWaveML   ⚬

- Built predictive ML models to analyze crime trends and support data-driven decision-making.

Certifications

Deep Learning Specialization — Coursera (2023)

AWS Academy Graduate — Amazon Web Services (2024)

GenAI Engineer Internship — QWATCH Digital Security Innovations (2025)