

# TEJASWI GUTTULA

AI/ML Engineer — Data Scientist — Cloud Solutions Developer

+91-630-089-6766 ✉ tejaswiguttula1@gmail.com  LinkedIn  GitHub  
Bhimavaram, Andhra Pradesh, India — Open to Relocation — Remote Work Ready

## Professional Summary

Innovative AI/ML Engineer with expertise in enterprise-scale machine learning solutions, cloud computing, and data-driven business transformation. Proven track record in developing production-ready AI systems with 89% accuracy, implementing MLOps practices, and delivering measurable business impact. Strong foundation in Python, cloud platforms, and agile development methodologies aligned with IBM's technology stack and innovation culture.

## Core Competencies

**AI/ML Technologies:** Deep Learning, Neural Networks, NLP, Computer Vision, Watson AI Services, AutoML  
**Cloud & Enterprise:** IBM Cloud, AWS, Google Cloud, Docker, Kubernetes, MLOps, Microservices  
**Programming & Data:** Python, R, SQL, Java, JavaScript, Spark, Hadoop, Data Engineering  
**Business Intelligence:** Predictive Analytics, Statistical Modeling, A/B Testing, Performance Optimization  
**Development Practices:** Agile/Scrum, CI/CD, Version Control, API Development, System Integration

## Education

|   |  |
|---|--|
| <b>Bachelor of Technology in Computer Science &amp; Design</b><br><i>Sagi Ramakrishnam Raju Engineering College</i> | <b>Expected May 2026</b><br><i>CGPA: 7.93/10</i> |
| <b>Diploma in AI &amp; Computer Science (Excellence in AI)</b><br><i>ISTS Women's Engineering College</i>           | <b>2020 – 2023</b><br><i>CGPA: 9.5/10</i>        |

## Professional Experience

|   |  |
|---|--|
| <b>Machine Learning Engineer &amp; Full Stack Developer</b><br><i>MCR Web Solutions</i>   | <b>Jan 2023 – Dec 2023</b><br><i>Remote &amp; Hybrid</i> |
| <ul style="list-style-type: none"><li>Architected and deployed scalable ML models serving 2000+ users with 40% efficiency improvement and 99.5% uptime</li><li>Implemented end-to-end MLOps pipeline including model versioning, A/B testing, and automated monitoring</li><li>Built data analytics dashboards providing real-time insights that drove strategic business decisions</li></ul> |  |

## Key Projects & Technical Achievements

|  |             |
|--|-------------|
| <b>Enterprise Audio Intelligence System</b>   <i>Deep Learning, Production ML</i>  | <b>2025</b> |
| <ul style="list-style-type: none"><li>Developed production-grade audio classification achieving 89% accuracy using CNN architecture and MFCC feature engineering</li><li>Implemented comprehensive ML pipeline with data augmentation, hyperparameter optimization, and cross-validation</li></ul> |             |
| <b>AI-Powered Cybersecurity Platform</b>   <i>Anomaly Detection, Enterprise Security</i>   | <b>2025</b> |
| <ul style="list-style-type: none"><li>Built real-time threat detection system using ensemble methods achieving 92% precision in identifying security anomalies</li><li>Deployed cloud-native solution with auto-scaling capabilities and integrated monitoring dashboards</li></ul>                |             |
| <b>Intelligent Learning Management System</b>   <i>NLP, Recommendation Engine</i>  | <b>2024</b> |
| <ul style="list-style-type: none"><li>Developed AI-powered educational platform with conversational AI, personalized learning paths, and analytics for 500+ users</li><li>Integrated Watson APIs for natural language processing and implemented recommendation algorithms</li></ul>               |             |
| <b>Predictive Analytics for Transportation</b>   <i>Time Series, Business Intelligence</i>   | <b>2025</b> |
| <ul style="list-style-type: none"><li>Created demand forecasting and route optimization models delivering 25% cost reduction through predictive analytics</li></ul>  |             |

## Certifications & Recognition

**Innovation & Leadership:** Smart India Hackathon 2024 Finalist - AI/ML Solution for Social Impact  
**Professional Certifications:** IBM Data Science Professional Certificate, Deep Learning Specialization, Cloud Architecture  
**Technical Contributions:** 15+ Open Source ML Projects, Active Contributor to AI/ML Community, Published Research