

# TEJASWI GUTTULA

Software Developer — AI/ML Engineer — Full Stack Developer

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Bhimavaram, Andhra Pradesh, India — Open to Relocation — Remote Work Ready

## Professional Summary

Dedicated Software Developer and AI/ML Engineer with strong expertise in enterprise application development, machine learning solutions, and full-stack technologies. Proven experience in building scalable applications serving 2000+ users with 99.5% uptime. Proficient in Java, Python, cloud technologies, and agile methodologies. Passionate about delivering innovative solutions that drive business value and enhance user experience.

## Education

### Bachelor of Technology in Computer Science & Design

Sagi Ramakrishnam Raju Engineering College

Expected May 2026

CGPA: 7.93/10

### Diploma in AI & Computer Science

ISTS Women's Engineering College

2020 – 2023

CGPA: 9.5/10 (Excellence in AI)

## Technical Skills

**Programming Languages:** Java, Python, C++, JavaScript, SQL, R

**Web Technologies:** HTML5, CSS3, React.js, Node.js, Spring Boot, REST APIs

**Database & Cloud:** MySQL, MongoDB, PostgreSQL, AWS, Azure, Docker, Kubernetes

**AI/ML & Analytics:** Machine Learning, Deep Learning, NLP, TensorFlow, Scikit-learn, Data Analysis

**Tools & Frameworks:** Git, Jenkins, Maven, Agile/Scrum, Jira, Eclipse, VS Code

## Professional Experience

### Machine Learning Engineer & Full Stack Developer

MCR Web Solutions

Jan 2023 – Dec 2023

Remote & Hybrid

- Developed and deployed scalable web applications and ML models serving 2000+ users with 99.5% uptime
- Built comprehensive data analytics dashboards using Python and JavaScript providing real-time business insights
- Implemented CI/CD pipelines and automated testing reducing deployment time by 40%
- Collaborated with cross-functional teams following Agile methodologies to deliver projects on time

## Key Projects

### Enterprise Audio Classification System | Python, Deep Learning, Flask

2025

- Built production-ready audio classification system achieving 89% accuracy using CNN and MFCC feature extraction
- Developed RESTful APIs and deployed on cloud with monitoring and logging capabilities

### Intelligent Cybersecurity Platform | Java, Machine Learning, Spring Boot

2025

- Created real-time threat detection system using ensemble ML methods with 92% precision
- Implemented scalable microservices architecture with automated alerting and dashboard visualization

### Smart Learning Management System | Full Stack, AI Integration

2024

- Developed comprehensive LMS platform with AI-powered recommendations serving 500+ users
- Integrated chatbot functionality and personalized learning analytics using NLP techniques

### Predictive Analytics Dashboard | Data Science, Business Intelligence

2025

- Built demand forecasting models for transportation optimization achieving 25% cost reduction
- Created interactive dashboards with real-time data visualization and automated reporting

## Achievements & Certifications

**Competition & Recognition:** Smart India Hackathon 2024 Finalist - Innovative AI/ML Solution

**Technical Certifications:** Java Programming, Python for Data Science, AWS Cloud Practitioner

**Open Source & Community:** 15+ GitHub Projects, Active Tech Community Contributor, Published Technical Articles