

TEJASWI GUTTULA

Software Developer — Full Stack Developer — MERN Stack Developer

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Bhimavaram, Andhra Pradesh, India

Professional Summary

Results-driven final-year Computer Science student with expertise in full-stack development, MERN stack, and cloud technologies. Proven experience building scalable web applications, optimizing system performance, and implementing AI/ML solutions. Strong problem-solving abilities with hands-on experience in modern frameworks.

Technical Skills

Programming Languages: JavaScript (ES6+), Java, Python, TypeScript, C++, HTML5, CSS3
Frameworks & Libraries: React.js, Node.js, Express.js, Redux, Next.js, Bootstrap, Tailwind CSS
Databases & Cloud: MongoDB, MySQL, PostgreSQL, RESTful APIs, Microservices
Tools & Technologies: Git, Docker, Postman, VS Code, Agile/Scrum
AI/ML & Analytics: TensorFlow, Keras, Scikit-learn, Data Preprocessing, Predictive Modeling




Education

B.Tech in Computer Science & Design <i>Sagi Ramakrishnam Raju Engineering College, Bhimavaram</i>	2023 – 2026 <i>CGPA: 7.93/10</i>
Diploma in AI & Computer Science <i>ISTS Women's Engineering College, Rajanagaram</i>	2020 – 2023 <i>CGPA: 9.5/10</i>

Professional Experience

Full Stack Web Developer <i>MCR Web Solutions</i>	Jan 2023 – Dec 2023 <i>Bhimavaram, Andhra Pradesh</i>
<ul style="list-style-type: none">Developed a responsive AICTE Faculty Development Programme website serving 2000+ educators nationwide. Live: https://srkrec.edu.in/atalfdp2023/Built and deployed SVCET College website achieving a 40% performance improvement through code optimization and responsive design. Live: http://www.svcet.net/new/Implemented cross-browser compatibility and mobile-first design principles, enhancing user engagement by 45%.	

Key Technical Projects

RaidOn – Student Ride Booking Platform <i>HTML, CSS, JavaScript, PHP, MySQL</i>	2025
<ul style="list-style-type: none">Developed a ride booking platform addressing transportation gaps for students in areas without Uber accessEnabled booking of limited bus seats by selecting stops and travel details via a responsive, intuitive interfaceProvided an affordable and reliable commuting solution, improving accessibility for underserved college routes	
Cybersecurity Predictive Risk Scoring System <i>React.js, Python, Java, Machine Learning</i> 	2025
<ul style="list-style-type: none">Built a full-stack cybersecurity risk platform with a modern React.js dashboard, Python ML backend, and Java risk engine for real-time network scanning and risk scoring.Implemented Isolation Forest and Random Forest models for anomaly detection and threat classification, delivering dynamic risk scores (5–50 range) and actionable recommendations.	
TechWave – AI-Powered Learning Platform <i>React.js, Node.js, MongoDB, Express, AI</i> 	2024
<ul style="list-style-type: none">Architected full-stack learning platform with intelligent quiz system and AI chatbot, 90% user satisfactionImplemented JWT authentication, role-based access control, and real-time features for 500+ users	
Urban Sound Classification using Deep Learning <i>Python, TensorFlow, Keras, MFCC</i> 	2025
<ul style="list-style-type: none">Achieved 89% accuracy on UrbanSound8K dataset using deep neural networks and feature extractionDeveloped end-to-end ML pipeline with preprocessing, model optimization, and deployment strategies	

Achievements & Certifications

Competition: Smart India Hackathon 2024)
Certifications: JavaScript (Sololearn), Problem Solving (HackerRank), DSA Certification
Development: Active GitHub contributor - 15+ repositories, 50+ commits, open-source experience