GADEKARI JAYASAI KARTHIK

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CAREER OBJECTIVE

Passionate Full Stack Developer with a strong foundation in Java, HTML, CSS, JavaScript, React.js, and SQL databases (MySQL). Skilled in developing responsive, scalable, and user-friendly web applications with optimized database solutions.

EDUCATION

Bachelor of Technology (CSE)	-	Santhiram Engineering College (2025)
Board of Intermediate Education (MPC)	-	Sri Chaitanya Boys Junior College (2021)
Board of Secondary Education	-	Z.P. High School (2019)

INTERNSHIPS

MICROSOFT POWER BI (Intern) - Jan 2025 - Apr 2025

I have completed a Long-Term internship under RESHAPP Company in collaboration with APSCHE, focusing on Microsoft Power BI. This internship helped me gain practical experience in building data visualizations, dashboards, and business intelligence reports using Power BI.

AIMERS (Intern) - May 2024 - Jun 2024

I have completed a Short-Term internship with the AIMER society focused on Artificial Intelligence and gained hands-on experience in applied Artificial Intelligence through projects involving hand gesture recognition using MediaPipe, AI-powered chatbot development, visual question answering models, data visualization with Power BI, and object detection using YOLOv8. Developed practical skills in model implementation, problem-solving, and real-world AI applications.

PROJECTS

Pharmacy Products and Management - (1 Month)

This mini project is a web-based application developed using HTML, CSS and JavaScript that helps manage pharmacy products efficiently. It allows users to view, add, update, and delete product details, ensuring smooth inventory management.

Tool Wear and Fault Prediction Systems Powered by AI - (3 Months)

Major project developed by using Random Forest Classifier algorithm with supporting AI. Random Forest regression analysis to train and evaluate machine learning models. This has allowed for optimal results in predicting tool wear, and tool fault. Clean, transform, and extract meaningful features from raw data, Implement real-time predictions and trigger alerts for tool maintenance.

Python libraries used – NumPy, Pandas, Matplotlib, SciPy, Scikit-learn, Joblib, Streamit.

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript (ES6+)

Backend: Core Java, Object-Oriented Programming (OOPs), Advance Java, & Python Programming (Basic)

Databases: MySQL