

IJJADA DEEPIKA

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in in

WORK EXPERIENCE

Meeami Technologies

Artificial Intelligence Intern

March 2024 – Present

- Optimized AI models for ONNX format, enabling deployment on NPUs for noise cancellation applications, which reduced inference time by 20%.
- Implemented data preprocessing techniques and developed model improvements, achieving a 15% increase in noise cancellation accuracy. SRKR AICTE IDEA Lab July 2021 – Sep 2021 Machine Learning Intern Bhimavaram, AP
- Designed and implemented a Dialogflow chatbot to troubleshoot electrical failures, enhancing issue resolution efficiency by 30%.
- Configured conversation flows, intents, and responses to create an intuitive and user-friendly interface, resulting in a 20% increase in user satisfaction.

EDUCATION

S.R.K.R Engineering College

BTech, Electrical and Electronics Engineering

2021-2025

PROJECTS

Intelligent Energy Management System | Python, IOT, Reinforcement Learning

- Developed an AI-powered Energy Management System that optimized HVAC energy consumption (40%-80%) using IoT sensors and reinforcement learning, reducing energy costs by 25%.
- Created a web-based dashboard that reduced facility managers' workload by 80%.

Bluetooth Controlled Robot | IOT, C

- Designed a Bluetooth-controlled robot with voice recognition technology, reducing user errors by 50% and cutting training time by 40%, improving user experience and operational efficiency.

Personal Portfolio Website | HTML, CSS, JavaScript

- Built a personal portfolio website showcasing technical skills and projects, boosting professional engagement by 50% and increasing user interaction by 30%.

Accomplishments

- International Project Expo (2024): Awarded 1st Place in Sustainable Engineering by IEEE Vizag Bay Section for innovative project contributions in sustainable energy solutions.
- Smart India Hackathon (2023): Recognized as Runners-Up for project development and problem-solving in a national competition.
- Sankalp Orator Competition: Secured 1st Place for public speaking.
- Executive Body Member(2023),Senior Body Member (2024) - AEE ,SRKR Engineering College: Played a key role in driving the success of various engineering initiatives, fostering collaboration within the student body

SKILLS

- C Programming - SRKR Engineering College
- Generative AI Fundamentals - DataBricks - 120143464
- Fundamentals on Generative AI - Microsoft (ftfda4e25de95cb3e411fc5457a06debb9902da25d4c549dd5cc5ada9cd110ae37)
- Fine Tuning - DeepLearning
- Generative AI - Google Cloud Skills
- Prompt Engineering for everyone - IBM - (558121f596d843cca48219a4585e51bd)