

CHILIVERI ARUNKUMAR

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PROFESSIONAL SUMMARY

Electronics & Communication Engineering student with expertise in robotics, full-stack development (MERN), and AI automation. Proven leader in organizing 2+ national events and mentoring 200+ students. Strong foundation in IoT systems, workflow automation, and innovative project development with hands-on experience in semi-humanoid robotics and e-commerce platforms.

TECHNICAL SKILLS

Web Development: React, Node.js, MongoDB, Express.js, HTML, CSS

Automation & AI: n8n Workflow Automation, AI Model Integration

Programming & IoT: C, Internet of Things, Robotics, Microcontrollers

Design & Tools: Figma, Adobe Illustrator, Canva, WordPress, Excel

EDUCATION

Bachelor of Technology in Electronics & Communication Engineering | GPA: 7.4

MLR Institute of Technology, Hyderabad

Intermediate Board (MPC) | GPA: 6.86

Bhavan's Sri Aurobindo Junior College, Hyderabad

PROFESSIONAL EXPERIENCE

Technical Chair Person

July 2025 – Present

MLRIT CIE E-Cell, Hyderabad

- Spearhead technical strategy and project direction, guiding cross-functional teams toward successful outcomes
- Orchestrate planning and execution of technical workshops and events for wide student audience
- Serve as primary technical contact, providing expert guidance on complex engineering challenges

Technical Mentor

December 2024 – July 2025

MLRIT CIE E-Cell, Hyderabad

- Mentored 200+ students through complete lifecycle of micro-projects, fostering innovation and skill development
- Engineered and delivered comprehensive IoT workshop, equipping participants with hands-on technical skills
- Provided critical analysis and feedback contributing to runner-up finishes in two Innovation Challenges

Technical Member

June 2023 – December 2024

MLRIT CIE E-Cell, Hyderabad

- Contributed to development of technical projects and product prototypes using engineering principles
- Organized major events including Meta Loop Hackathon, coordinating logistics and technical infrastructure

KEY PROJECTS

Project Medha: Semi-Humanoid Robot

- Led end-to-end design and construction of semi-humanoid robot with autonomous navigation, event anchoring, and real-time human interaction capabilities
- Integrated onboard display for interactive games, demonstrating versatility in educational contexts

Full-Stack E-commerce Platform

- Architected complete e-commerce website using MERN stack with RESTful APIs, product catalog, shopping cart, and order management

AI-Powered Automated Workflows

- Deployed automated workflows using n8n integrated with AI assistants, streamlining processes and improving operational efficiency

IoT-Based Hazardous Gas Detection System

- Built real-time gas detection prototype using IoT sensors, microcontrollers, and wireless communication for environmental safety monitoring

ACHIEVEMENTS & LEADERSHIP

- Event Management:** Organized 2+ national-level technical events and hackathons for 500+ attendees
- Innovation Recognition:** Runner-up twice in MLR Institute of Technology's Innovation Challenge
- Community Impact:** Mentored 200+ students in technical project development and career readiness