Venkata Karteek Potnuru

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CAREER OBJECTIVE

Enthusiastic and detail-oriented Electronics and Communication Engineering graduate seeking to apply my technical skills and coding expertise in a dynamic role to drive innovation and efficiency.

EDUCATION

Degree	Specialization	Institute	Year	CGPA
B. Tech	*Electronics & Communication*	Dr.LB College of Eng	2025	8.0
Diploma	*Electronics & Communication*	Chaitanya Eng College	2022	8.5
SSC	*Secondary Education*	Ravindra Bharathi	2019	9.7

SKILLS

- **Languages:** Python, C, Java, HTML, CSS, Javascript, SQL, Machine Learning (Beginner)
- **Frameworks/Libraries:** NumPy, Pandas, Matplotlib
- **Techniques:** Data Analyst, Data Visualization, Data Manipulation
- **Soft Skills:** Problem-solving, Time management, Fast learner, Decision making, Flexibility & Adaptability

PROJECTS

Landing Page
- Designed a user-friendly and responsive Landing page interface using **HTML** and **CSS** ensuring compatibility across devices and browsers.
- Used modern styling techniques like CSS animations and transitions to create an engaging and professional design.

Tic Tac Toe
- Developed a classic game using **Python** and Basic **Libraries** to deliver an engaging and interactive experience.
- The project uses the **random** library to make strategic decisions, like selecting the first player and choosing AI moves, and the **time** library to add delays for a smoother and more realistic gameplay experience, especially in Computer vs. Computer modems

Alcohol Detection & Engine Locking System | Embedded System
- Designed and implemented an alcohol detection system using **sensors** to analyze breath alcohol content, triggering an **engine lock mechanism** when alcohol levels exceed a set threshold.
- Integrated the system with an engine locking mechanism, improving vehicle safety by preventing ignition if alcohol consumption is detected, thereby reducing the risk of impaired driving.
- An **Arduino microcontroller**, showcasing real-time decision-making and **Embedded systems skills**.

Automatic Lift Using PLC & SCADA | Industrial Automation
- Designed and programmed a **PLC** and **SCADA** system to automate the operation of an elevator, including floor selection, door control, and safety features, ensuring smooth and efficient lift functioning.

INTERNSHIPS

- Data Analyst in Intern Certify (August-2024)
- Industry Certification Program in L&T EduTech (July-2024)
- Telecom in BSNL (June-2023)
- Basics of PLC & SCADA in CEMS (February-2022)

CERTIFICATIONS

- Certified in Introduction to Prompt Engineering for Generative AI from Linkedin Learning in (Feb 2025)
- Certified in Industry Certification Program from L&T EduTech (July 2024)
- Certified in Technical Project Expo from Dr.LB College in (January 2024)
- Certified in Elements of AI from the University of Helsinki in (September 2023)
- Certified in Communication Skills and Presentation from TCS Ion in (June 2023)
- Certified in Tele Communications from BSNL in (June 2023)
- Certified in Essential Life Skills from IIT, Varanasi in (March 2023)
- Certified in PLC and SCADA basics from CEMS in (February 2022)

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.