GEETHIKA PEGADA

Hyderabad (T.S.)
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Career Objective:

Motivated Electronics and Communication Engineering graduate with strong analytical skills. Proven ability to develop innovative solutions and work effectively in team environments. Passionate about continuous learning and professional growth.

Academic Qualification:

COURSE	DISCIPLINE	SCHOOL / COLLEGE	BOARD/ UNIVERSITY	YEAR	PERCENTAGE (%)
B. Tech	Electronics and Communication Engineering	Kamala Institute of Technology and Science (KITS(S))	**JNTUH**	2023	68
Intermediate	MPC	Sri Gayatri Junior College	**TSBIE**	2019	91.4
X	All Subjects	SR Prime School	**BSE, TS**	2017	97

Technical Skills:

- **Programming Languages:** C Programming
- **Microcontrollers:** ARM, 8051
- **Communication Protocols:** I2C, UART, SPI, CAN
- Knowledge on Linux

Projects:

1. Industrial Monitoring System for Internet of Things (IoT):

Team – 5 Members

Description: Engineered an advanced industrial monitoring system by integrating a Wi-Fi module and sensor-based applications for IoT.

- Designed and implemented sensor-based applications for data collection.
- Integrated Wi-Fi module for real-time data transmission to a centralized monitoring system.
- Enabled remote monitoring and management of industrial infrastructure.
- Ensured accuracy and reliability of sensor data for proactive maintenance and risk mitigation.

2. Credit Card Fraud Detection using Machine Learning

Team: 5 Members

Description: Engineered a machine learning solution using the random forest algorithm to proactively detect and prevent credit card fraud, resulting in a 40% decrease in fraudulent transactions.

● Created training and testing datasets from credit card usage data.
● Implemented random forest algorithm for classification.
● Improved fraud detection accuracy using data visualization techniques.
● Evaluated performance metrics including accuracy, sensitivity, specificity, and precision.

Personal Details:

Name: Geethika Pegada
Date of Birth: 19, December,2001.
Gender: Female
Marital Status: Single
Nationality: Indian
Languages: English, Telugu, Hindi

Declaration:

I hereby declare that the above information is true to best of my knowledge.

Date:

Place: **Signature:**