Bandi Sai Meghana

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EDUCATION

Kuppam Engineering College – JNTUA	**2020 - 2024**
BTECH(CSE) – 7.50%	
Narayana Junior College	**2018 - 2020**
Inter(MPC) - 7.28	
Sri Vivekananda School	**2017 - 2018**
10th – 9.12	

PROJECTS

1. HYBRID ENCRYPTION TECHNIQUE using RC4 AND CYCLIC BIT SHIFT Algorithm   **Jan 2024 - May 2024**
- **Objective:** Designed and implemented a hybrid encryption system combining the RC4 symmetric algorithm and cyclic bit shift (asymmetric) algorithm for secure and efficient data encryption.

Key Features:
- Used RC4 for high-speed symmetric encryption of large datasets.
- Developed a cyclic bit shift algorithm for secure key exchange. TechStack:
- **Programming Languages:** Python
- **Algorithms:** RC4 (Symmetric Encryption), Cyclic Bit Shift (Asymmetric Encryption)

2. ONLINE LEARNING PLATFORM: **July-2024 - Dec-2024**
- **Description:** Build an online learning platform where users can register for courses, watch videos, and track progress.

Key features:
- User authentication with roles (students and instructors)..

Tech stack:
- **ReactJS, CSS, NodeJS, ExpressJS, JWT**(Json Web Tokens), **MongoDB**, **Multer.**

SKILLS

- Programming languages : **Python**
- FrontEnd Devlopment : **HTML, CSS, Javascript, ReactJS**.
- BackEnd Devlopment : **Node JS, Express JS**
- Databases: **MongoDB, MySQL**
- Version control : **Git,GitHub**

INTERNSHIPS

Frontend Web Development Intern– APLMS
- Designed and developed a responsive weather application using HTML, CSS and Javascript.
- Implemented interactive charts and graphs using Chart.js. Conducted testing and optimization to enhance usability.

Machine Learning Intern
- Gained hands-on experience with machine learning algorithms.
- Developed and implemented algorithms to enhance its functionality and experience.

CERTIFICATE

- **MERN STACK Development Certification- Vector India [July 2024 – Feb 2025]**
- Advanced Computer Architecture – **NPTEL**
- **Python Programming Certification** - Udemy