ABHISHEK P

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EDUCATION

➢ **B.Tech in Information Science and Engineering – 6.75**
Sai Vidya Institute Of Technology
2022 – 2026 | Bangalore

➢ **PU - 70%**
Nagarjuna PU College
2020-2022 | Bangalore

PROJECTS

E-Commerce | Web Application

Languages: HTML | CSS | MongoDB | Node.js

➢ Developed a full-stack e-commerce website for a bag store with both admin and user interfaces. Implemented features for product listing, user authentication, cart management, and order processing using HTML, CSS, Node.js, and MongoDB**.** The admin panel allows product management, order tracking, and user management.

Encryption & Decryption | Python-Based Application

Tech Stack: Python, Cryptography (PyCryptodome), Matplotlib

➢ This project is a Python-based encryption and decryption application designed to explore and implement cryptographic algorithms for secure data communication. The system supports two key algorithms: **Blowfish**, a well-known symmetric key block cipher, and a **custom implementation of Twofish**, a highly secure, flexible encryption algorithm. The project also includes a comparative performance analysis between the two algorithms using **matplotlib** for visualization.
The application allows users to encrypt and decrypt plain text or file-based content using a shared key. This helps illustrate core cryptographic concepts such as block ciphers, padding mechanisms, key scheduling, and algorithm efficiency. Designed for educational and practical use, the tool supports file encryption, text encoding, and performance benchmarking, making it a valuable asset for computer security learners and enthusiasts.

COURSE WORK

➢ Data Structures and Algorithms
➢ Database Management System

SOCIAL MEDIA

➢ LinkedIn: abhishek-p-1007062b8
➢ GitHub: AbhishekLuffy

SKILLS

➢ C/C++ (Basics)
➢ Java(basics)
➢ HTML | CSS
➢ Objective-C(Basics)
➢ Problem Solving
➢ Basics of Python
➢ Communication
➢ Teamwork
➢ Time Management