



KINTHALI SOWMYA

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OBJECTIVE

Driven by a passion for creativity and innovation, I aim to begin my career as a UI/UX Designer and Frontend Developer, leveraging my design and coding skills to create engaging, user-friendly digital experiences. Committed to building products that are both visually appealing and intuitive for users.

EDUCATION

B.Tech

GMR Institute of Technology
Information Technology
CGPA 7.7

Intermediate

Sri Chaitanya Jr College
CGPA 9.67

Secondary Education

Siddhartha Public School
CGPA 9.3

PROGRAMMING LANGUAGES

JAVA

Python

SQL

DEVELOPING SKILLS

HTML

CSS

Bootstrap

Javascript

ReactJS

DESIGNING SKILLS

Photoshop

Adobe Illustrator

Figma

Wordpress

SOFT SKILLS

- Optimist
- Adaptability

CERTIFICATES

- UI/UX Developer and Designer, Tech Mahindra SMART Academy
- Java Full Stack, Wipro.
- Python Essentials-1, Cisco.

INTERNSHIP

KRIFY SOFTWARE TECHNOLOGIES PRIVATE LIMITED, KAKINADA.

Completed a web development internship using HTML, CSS, Bootstrap and SQL while also learning the fundamentals of cybersecurity. developed a research on secure communication that improved data security and encryption methods for secure message exchanges by combining quantum key distribution with traditional cryptography. successfully used both web and security techniques.

PROJECTS

V-Travel Webpage

Technologies Used: HTML, CSS, Bootstrap

Description: Developed a v-travel webpage that allows users to explore various travel destinations, utilizing HTML for structure, CSS for styling, and Bootstrap for responsive design.

Shopping Website

Technologies Used: Javascript

Description: Developed a responsive e-commerce clothing site with JavaScript for browsing, filtering, and cart features across men's, women's, and kids' categories.

A Secure method of communication in conventional cryptography using quantum key distribution

In this project, we implemented Quantum Key Distribution using the BB84 protocol, exposing the primary vulnerabilities in traditional cryptographic key exchange techniques. We successfully detected the presence of an eavesdropper, adhering to the no-cloning theorem, and compared the time required to generate keys using quantum cryptography methods against conventional cryptographic algorithms for analysis.

ACCOMPLISHMENTS

- Published a research paper in the IEEE Journal on enhancing the security of conventional cryptography by incorporating a secure communication method that utilizes quantum key distribution.
- Secured 2nd place in a highly competitive CTF (Capture the Flag) challenge conducted by GMR Institute of Technology (GMRIT).