Nikhil kumar

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Summary

Frontend Developer skilled in React, JavaScript, and Firebase. Built multiple full-stack projects including a real-time chat app, note-taking app, and steganography tool. Passionate about web development, with a strong foundation in core programming and problem-solving.

Skills

- **Languages:** JavaScript, C/C++, Python, Java
- **Frontend:** HTML5, CSS3, React.js, Tailwind CSS
- **Tools & Platforms:** Git, GitHub, Firebase, VS Code
- **Other:** API handling , Responsive Design, Google Authentication

Projects

Chat App – *React, Firebase*
Built a real-time chat application using Firebase Realtime Database and Google Authentication. Users can sign in, send, and receive messages instantly.

Note App – *React, LocalStorage*

Created a lightweight note-taking app with the ability to add, view, and persist notes using browser local storage.

Steganography Tool – *Python*

Implemented an image-based steganography system using LSB (Least Significant Bit) method to hide secret messages in images.

Fingerprint Matching System – *Python*

Developed a system to compare and calculate fingerprint similarity from a dataset using image processing techniques.

Research & Publications

Contact Tracing System
Researched and developed a contact tracing tool to identify people potentially exposed to infection using clustering algorithms.
Under guidance of Dr. Amit Gupta

Certificates

google cloud certificate , The joy of python, Cyber security

Education

B.Tech in Computer Engineering
Graphic Era Hill University, Dehradun — *7.5 CGPA (Ongoing)*
Intermediate (CBSE) – St. Mary's Convent School, Amroha — *88% (2022)*
High School (CBSE) – St. Mary's Convent School, Amroha — *93% (2020)*

Strengths

- Strong Leadership and Communication Skills
- Team Player and Quick Learner
- Good Listener and Adaptable