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EDUCATION

- **Sahyadri College Of Engineering And Management, Mangalore** 2025
Affiliated to VTU, Karnataka B.E, CSE-Data Science
- **PoornaPrajna Pre-University College, Udupi** 2019
Board of Secondary Education, Karnataka Percentage: 82

EXPERIENCE

- **DevTown** Dec 2022 - March 2023
Web Development Intern Remote
 - Implemented cutting-edge technologies like React.js and Redux Toolkit, applying them in practical projects.
 - Acquired firsthand experience in professional web development, gaining insights into real-world project workflows.
 - Developed an E-Commerce Website using React.js, Node.js, Redux, Express.js, MongoDB, and Tailwind CSS.
 - Implemented Web-Sockets for real-time updates, enhancing user engagement and experience.

PROJECTS

–Sahara

Built an application addressing hyperlocal community issues, facilitating rapid volunteer mobilization despite geographic constraints.

- * Tools & technologies used: Next.js, Python, Tailwind CSS, Flask, Flutter, Node.js, MongoDB, Twilio
- * Implemented case-based categorization (personal, community, act of God) for prioritizing and managing emergency requests implementing Buddy System for volunteers.
- * Utilized AI-based message classification to efficiently route user messages to qualified volunteers based on expertise, supported by map-based analysis for volunteer allocation.

–SecureMed

SecureMed is a healthcare application designed to manage medical data efficiently. It allows users to log in, view patient medical records

- * Tools & technologies used: Next.js, React, Express, MongoDB, Blockchain, Truffle, Ganache, Metamask.
- * Implemented a secure login system for doctors and patients, where each patient is assigned a unique ID that serves as a key to their profile.
- * Enabled doctors to view patient profiles, including past surgeries and treatments, and add new hospitalization details without altering historical data.
- * Utilized blockchain technology to ensure the security and integrity of medical records, allowing only authorized doctors and patients to access the data via patient passkeys.

–Secret Pixels

Utilizes AI services and steganography for enhanced digital security and communication privacy.

- * Tools & technologies used: Next.js, OpenAI, Python, Flask, Langchain
- * Developed a system that employs AI services and steganography techniques to secure sensitive information within digital images, using the Least Significant Bit (LSB) method for data embedding and extraction.
- * Integrated an AI chatbot designed to detect scams and phishing attempts, enhancing user protection against malicious threats.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Python, Java, HTML, CSS, Javascript.

Developer Tools: Git, Github, Visual Studio Code.

Frameworks: Next.js, React.js, Node.js, Express.js, TailwindCSS.

Cloud/Databases: MongoDB, SQL.

Soft Skills: Creativity, Time Management, Team Work, Problem Solving.

ACHIEVEMENTS / POSITIONS OF RESPONSIBILITY

- Achieved first place in the Blind Bytes competition held by Codeblaze at Synergia, October 2023.
- Won second runner up in the National Level ISRO Hackathon, November 2022.
- Secured third place in the Cryptography project presentation at the Department Level Cyber-Expo.
- Active member of SOSOC(Sahyadri Open Source Community) in Web development and Competitive coding.