

Nihara

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EDUCATION

- **Bachelor of Engineering in Computer Science and Engineering (Data Science)** Dec 2021 - Present
Sahyadri College of Engineering and Management, Karnataka, India CGPA: 9.37
- **12th Board - Science (PCMB)** 2019 - 2021
Aloysius PU College, Karnataka, India Percentage: 97
- **10th Board** 2018 - 2019
St.Gerosa School, India Percentage: 94.88

EXPERIENCE

- **Intern, CoE Digital Forensics Intelligence, Sahyadri Mangalore** 📍 | 📅 9th October - 4th November
Analyzed large datasets to detect anomalies in financial data and performed data preprocessing for machine learning model development. Built and implemented a model for fake bill detection, along with data visualization and analysis.
- **Intern, Ukshati Technologies Pvt Ltd, Mangalore** 📍 27th January 2025 - Present
Developing and maintaining cross-platform mobile applications using React Native. Collaborating with cross-functional teams to design and implement application features, ensuring smooth user experiences. Enhancing app performance and resolving bugs to optimize functionality. Adhering to agile methodologies and contributing to code reviews for maintaining code quality.

PROJECTS

- **ResQ - Mobile Application for Disaster and Resource Management** 📍 | 📅
A mobile application for disaster management with crowd-sourced reporting and resource coordination. Integrated IoT using LoRa for SOS signals during network outages and AI to manage food shelf life. Features include real-time reporting, donation tracking, and role-based navigation for normal users, rescue teams, and NGOs.
Technology Used: React Native, Firebase, Expo SDK.
- **Environmental Data Observation and Species Preservation Management System** 📍 | 📅
Developed a comprehensive wildlife conservation management system that streamlines data storage, retrieval, and organization. Implemented features for efficient data manipulation, security, process automation, and collaboration, enhancing overall system functionality and usability.
-Technology Used: Streamlit, MySQL, Python.
- **Fake Bill Detection using Machine Learning** 📍 | 📅
This project focuses on identifying counterfeit bills using machine learning model. Through data preprocessing, feature selection, and model training, a logistic regression model was developed to classify bills as genuine or fake.
-Technology used: Python, Pandas, Logistic Regression.

SKILLS

Languages: C++, Python, Java, HTML, CSS, JavaScript
Frameworks: React, Flask, React Native
Tools: Git, GitHub, MySQL, Firebase, Figma
Soft Skills: Problem Solving, Leadership, Public Speaking, Teamwork, Event Management

ACHIEVEMENTS

SAP Hackfest hackathon finalist: National-level event held at PSG iTech, Coimbatore, ranked among the top 100 teams across the country after successfully passing two selection rounds.
Cognizant hackathon finalist: Top 12 at Cognizant's Technoverse Hackathon, among 108 teams for the project Aarambh.
Cyber expo first place: Secured first place in the departmental competition for the Keylogger project.

CERTIFICATIONS

Google Data Analytics Professional Certificate, Coursera Completed: Jan 2024
Python for Data Science, AI and Development, IBM Completed: Sep 2023

VOLUNTEER EXPERIENCE/POSITION OF RESPONSIBILITY

President, SOSWC (Sahyadri Open Source Women's Community) - Organized multiple workshops, hackathons, and events. Mentored students and taught Python. Organized DevHost '24.
MinDs Association, Technical Co-coordinator - Organized technical and cultural events.
Volunteer Head and Event Organizer, Synergia '23 - Managed volunteers and organized an event named TechMaze with over 100 participants.

HOBBIES

Travelling, Singing, Drawing