NAYANA P

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EDUCATION

BTech- Computer Science and Engineering, CGPA: 7.79   2020-2024
Rajiv Gandhi Institute of Technology, Kottayam

Plus Two, Percentage: 92.67%   2019
Kunnamangalam HSS, Kozhikode(State Syllabus)

10 th, Percentage: 98%   2017
Kunnamangalam HSS, Kozhikode(State Syllabus)

SKILLS

Technical Skills	HTML, CSS, ReactJS, Python, SQL, streamlit, Figma, UI/UX design
Soft Skills	Communication, Leadership, Time management, Self-learner

PROJECTS

PSEUDOSTEM WEEVIL DETECTOR(mini project- collaboration with ICAR)   Apr 2023 - Jun 2023

- Passionate about utilizing technology to address agricultural challenges, I aim to develop a web application for detecting PSW (Pseudo Stem Weevil) in banana plants.
- Utilized python for the backend infrastructure and employed HTML, CSS, and Bootstrap for frontend development, ensuring a user-friendly interface and seamless navigation.
- Implemented innovative algorithms including Melspectrogram and Cosine similarity to enhance the accuracy of PSW detection and also used 1000s of audio clips of PSW as dataset.

PORTFOLIO WEBSITE   oct 2023

- Utilized HTML for the structure, CSS for responsive design, and JavaScript for dynamic user experiences.
- Integrated custom animations and ensured compatibility across all devices.

ITINERA- Travel planner(Major Project)   sep 2023 - May 2024

- Committed to utilizing technology to create a personalized and optimized itinerary for Kerala trips
- Utilized Javascript, and genetic algorithm for the backend infrastructure and employed HTML, CSS, embedded javascript, Bootstrap for frontend development, and used publically available datasets.

NETFLIX CLONE(ReactJS project)   May 2023

- Employed modern frontend(React JS) development practices to ensure full responsiveness and mobile-friendly design

DATA VISUALIZATION(Streamlit project)   july 2024

- Developed an interactive data visualization application using Python and Streamlit, enabling visualization of datasets through various techniques like bar charts, line graphs, and Pie charts. .

FOOD DELIVERY APPLICATION-UI/UX DESIGN PORTFOLIO –link   Oct 2022

- Created user-friendly interface and each page is developed using Figma software. I also did wireframing and prototyping

EXPERIENCES AND CERTIFICATES

- MEDIA TEAM MEMBER IN ISTE RIT at RIT, Kottayam - Experience (2023-2024)– link
- DATABASE MANAGEMENT SYSTEMS-NPTEL –link