HRUTHWIK M

An insightful Information science and engineering student with hands-on experience in web, app development, machine learning and an enthusiastic programmer.

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🔗 https://hruthwik-68.github.io/portfolio/

EXPERIENCE

Full Stack Developer (App & Website Development)
Ecomitra Organiqs   📅 05/2024 - Present   📍 Bengaluru, India
- Created a React Native app for Ecomitra Organiqs to help with planting trees using seedballs. Also includes QR code scanning and location features to simplify reforestation efforts.

Full Stack Developer (App & Website Development)
Green Trade Foundations   📅 02/2024 - 06/2024   📍 Bengaluru, India
- Developed a React Native mobile app for a financial company while freelancing, incorporating features like ROI, level income, reference income, and more.

Machine Learning With Python (Research Based) Intern
COMPSOFT TECHNOLOGIES
📅 10/2023 - 11/2023   📍 Bengaluru, India
- Gained practical machine learning experience in Python through hands-
  on projects and research, including online training and practical exercises. Developed a crop prediction project based on soil parameters
  and weather conditions.

EDUCATION

BE : Information Science and Engineering
Dayananda Sagar Academy of Technology and Management, Bengaluru
📅 2021 - Present

GPA
8.69 / 10

PROJECTS

Cardio Care
📅 2023 - Present   📍 Bengaluru, India
Created a webcam-based health monitoring app that uses webcam technology for detecting and predicting heart attack risk by analyzing heart rate, HRV, stress levels, and oxygen saturation. It displays graphs of these metrics to help users monitor their cardiovascular health effectively.
- **Technologies Used:** HTML, CSS, JavaScript (front-end); Python libraries (image processing, data analysis); Flask (back-end).

College Xerox Application
📅 12/2023 - 03/2024   📍 Bengaluru, India
Developed a user-friendly college xerox shop application enabling pre-ordering of printing tasks via PDF upload.
- **Technologies Used:** Frontend: HTML, CSS, JavaScript; Backend: Python, Flask; Database: MySQL

SKILLS

Languages :   C   C++   Python
JS   Java   Frameworks :   React
React Native   Flutter   Backend
And Databases   Flask   Node JS
MY SQL   Appwrite   Mongo DB

Web Development   App Development
Machine Learning

ACHIEVEMENTS

1. Winners in Hackathon conducted by AIT, Chikmagalur
2. Runners-up in Debugging conducted by AIT
3. Secured Consolation Prize in Protothon (24-Hour Hackathon)
4. Selected for Top 10 in Intercontinental Hackathon at DSU
5. Runner-up in Capture The Flag (Cyber Security Competition)
6. Selected for Top 5 in State Level Hackathon at PESIT

SOLO PROJECTS

RapidResQ
Created a React Native project using Appwrite,
featuring a website for accident reporting and a
driver app for real-time emergency notifications,
aimed at improving response times for nearby
ambulance service

Mini Projects
1. Weather Forecast using Python GUI
2. Youtube Video Downloader using Python GUI
3. Cricket ScoreCard using C++
4. Games using C++
5. Hand Cricket using HTML CSS JS
6. Unbeatable Tic Tac Toe Game using HTML CSS JS