Usha D K

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Summary

As a recent Electronics and communication engineering pursuing student with a keen interest in web developing , I am eager to launch my career in the software industry. With a solid foundation in Electronics and communication principles, and a natural aptitude for programming languages , I am excited to apply my technical skills to the development of cutting-edge technology. As a quick learner with excellent analytical and problem solving abilities , I am confident in my ability to adapt to new technologies and work collaboratively with a team and manage to deliver my work effectively within the time constraints. I am more passionate about the customers and the product quality of which I manage to give guidance to the team. My ultimate goal is to leverage my skill set to make valuable contributions to the success of an innovative software organization.

Skills

Programming Languages: Python,Javascript,C.
Machine Learning: pandas, numpy,scikit-learn.
Frontend: HTML,CSS,React,Django.
Backend: Python.
Technical Tools: Microsoft Office Suite, Google Suite, Canva.
Soft Skills- Communication, Team-work, Leadership, Promote learning Climate, Time management, Problem Solving, Creativity, Adaptability.

Projects

Face Recognition using KNN Algorithm
Machine learning model that recognizes faces using the data fed and provides accuracy , the problem statement revolves around addressing these challenges like Accuracy and Robustness, Scalability, Interpretability and Transparency, etc. to enhance the effectiveness and reliability of KNN-based face recognition systems in real-world applications.Python programming along with machine learning techniques were used.

Pulse rate monitor (mini project)-
Using the pulse sensor and Arduino IDE, designed a pulse rate monitor which measures the bpm of a person . This totally includes Embedded C programming.

Experience

Codsoft-   **15th July,2024 - present(15th August,2024)**
Web Development virtual internship.

Education

Dayananda Sagar University
Bengaluru, India
2022-2026
Bachelor of Technology in Electronics and Communication Engineering.

Christ Junior College
Bengaluru, India
2020-2022
12th-PCMB

Holy Spirit School-ICSE
Bengaluru, India
2020
10th