NIDHI S GOWDA

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Objective

A well-organized and dependable candidate who excels at managing multiple priorities while remaining positive. Willingness to take on added responsibilities with problem-solving to meet team goals.

Education Background

- **Reva University, Bangalore** **(Nov 2021-May2025)**
  Bachelor of Technology in Electronics and Computer Engineering
  Grade–8.3
- **BGS PU College, Bangalore** **(June2018-June 2020)**
  Pre-University
  Grade–76.4.%
- **Nirmala Rani High School, Bangalore** **(May2006-Mar2018)**
  Higher Education
  Grade–78.%

Technical Skills

- Web Development : HTML,CSS, JAVASCRIPT,UI/UX
- Programming : C,C++,JAVA,PYTHON
- Operating Systems : Unix/Linux, Windows
- Technologies : Basics of Artificial intelligence and Machine Learning ,IoT, Computer Networking, and Cloud Computing
- Tools : Figma ,Adobe, Cadence , MySQL, Visual Studio, LabVIEW

Soft Skills

- Problem Solving
- Attention to details
- Organizing skills

Projects

AUTOMATIC ALARM FENCING

- Utilized a IOT sensors for detecting intruder entering the site of the fence, employing an buzzer and alert system.
- The user knows about the intruder or anyone entering the area..

VEHICLE TRACKING SYSTEM

- Developed an IoT-based sensor ESP-32, GSM module,GPS controller, which is controlled by Arduino using C language.
- Streamlined the process with the help of latitude and longitude parameter's, minimized errors by about 80%, and enhanced security.
- Ensured a swift , error free process, leading to find the position of the vehicle located.

ENHANCED EYE DISEASE DIAGNOSE USING DEEP LEARNING MOBILE NET
(Published a IEEE paper for this project)

- Integrated Machine learning- Python-based system which helps in analyzing the dataset and predicting the eye diseases.
- Achieved precise environmental monitoring, real-time data collection and monitoring, and early disease detection.
- Helps in detection of the disease to the age old people which prevents a major damage or loss of eyesight.

AGRICULTURE IMAGE CROP CLASSIFICATION

- Developed a secure and efficient web system using HTML, CSS, and java script, along with CNN and Mobile net architecture, image processing.
- Analysis of the image dataset and predicts the crop based on the image , helps in providing a clear knowledge about the crops and its variants .

Internship Experience

R LABS

Gained expertise in web design and development while working as an intern.
Designed a college connect application website to connect all the college students on the platform and allow them to exchange ideas. And Know about the respective curriculum, for 14 weeks (Aug-Nov 2023).

BOSCH
"**NLP implementation for identifying right Trainings for the engineering Skills**"
Developed a NLP based implementation to classify the dataset by using Machine learning-Python, NLP approach which classifies within the given set of data for the query search .(Jun-Aug 2024)

Certifications and Achievements

Google Cloud Badges, LabVIEW Simulation

Interests

Traveling, Mixed-media Artist, Skating