DONA ELIZABETH SAJI

MERN-STACK DEVELOPER

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PROFILE SUMMARY

MERN Stack Web Designer and Developer with a strong aptitude for self-directed learning. Specializing in the creation of visually appealing, responsive, and accessible web applications, I prioritize high scalability and reliability. Committed to lifelong learning and embracing new challenges, I consistently seek opportunities for continuous growth and improvement.

TECHNICAL SKILLS

Languages: JavaScript, MongoDB, HTML, CSS, EJS
Libraries & Frameworks: Node.js, Express, Bootstrap, React
Tools & Platforms: GitHub, AWS, Jira

SOFT SKILLS:

Communication, Teamwork, Time Management, Adaptability, Problem Solving, Quick Learning Leadership.

PROJECTS

Connect+ │ PHP   **Mar-2023**
- Connect+ is a dynamic web application designed to enhance student learning. It provides a range of features including community forums, private messaging, and video conferencing, creating a nurturing environment that promotes academic achievement and prioritizes accessibility.

Image based vitamin deficiency detection using CNN   **Feb-2024**
- A non-invasive approach employs machine learning to analyze images of the eyes, lips, tongue, and nails to detect vitamin deficiencies. This method could serve as a cost-effective and accessible alternative to conventional blood tests for screening purposes.
- Developed a Flask-based web application that integrates image classification and clustering functionalities for efficient image processing.
- Implemented a user authentication system with registration and login features, allowing secure access for image uploads.
- Utilized a TensorFlow-based pre-trained model to classify images, enabling accurate prediction of labels such as vitamin deficiencies after preprocessing and normalization
- Leveraged technologies like Flask, TensorFlow, OpenCV, Matplotlib, and MySQL to build a robust system that combines machine learning and web development for accurate image insights

EXPERIENCE

- **MERN stack Developer**   **Aug(2024)-Preset**
Intern │ Mashuptech ,Infopark Technology Business Center
- **Python Developer**   **Jun -Aug(2024)**
Intern │ Data Py (Remote).

EDUCATION

B-Tech in Computer Science and Engineering   **2020 - 2024**
A P J Abdul kalam Technological University (KTU)   Kottayam, Kerala
Mangalam College of Engineering,
CGPA:7.13

Higher Secondary (Bio-Maths)   **2018 - 2020**
St. Aloysius H.S.S Athirampuzha,   Kottayam, Kerala
CGPA:8.5

Higher School   **2016 - 2018**
St. Mary's G. H.S Athirampuzha,
CGPA:10

VOLUNTEERING ACTIVITES

- Event-Coordinator of college Tech fest (Code Veda)   **2024**
- Volunteer of National Service scheme (NSS)
- RedCross

CERTFICATIONS

- Cognizant Foundation Program - Tech4all   **Feb-2023**
    AWS Cloud Computing
Cognizant Foundation   **Aug-2024**
- Machine Learning with Phython
    Data Py