

# DONA ELIZABETH SAJI

## MERN STACK DEVELOPER | DATA ANALYST

☎ +91 8078476637    ✉ [donaelizabethsaji@gmail.com](mailto:donaelizabethsaji@gmail.com)     [LinkedIn](#)     [GitHub](#)     [Portfolio](#)

### PROFILE SUMMARY

MERN Stack Web Designer, Developer & Data Analyst with a strong aptitude for self-directed learning. Skilled in building responsive, scalable web applications and extracting insights from complex data. Passionate about innovation, problem-solving, and continuous learning. Dedicated to creating reliable, user-friendly, and data-driven solutions.

### TECHNICAL SKILLS

**Languages:** JavaScript, MongoDB, HTML, CSS, Basics of C programming and Java,

**Libraries & Frameworks:** Node.js, Express, Bootstrap, React

**Tools & Platforms:** GitHub, Vercel, Jira, Netlify, Power BI, VSCode

**Concepts:** Data Structure, Artificial Intelligence

### SOFT SKILLS:

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

### PROJECTS

#### Hospital Booking System | React, Node.js, MySQL, Express.js Feb -2025

- Online Appointment Booking – Patients can easily book and manage appointments for various treatments.
- User Authentication & Role-Based Access – Secure login for patients, doctors, and admins with JWT authentication.
- Frontend with React & Bootstrap – Interactive, mobile-friendly UI with treatment details, booking forms, and FAQs.
- Backend with Node.js, Express & MySQL – REST API manages users, bookings, and treatments with secure data storage.
- Real-Time Notifications & Future Enhancements – Email/SMS confirmations, live chat, and payment gateway integration planned.

**Dec- 2024**

#### Weather App | React, JavaScript, HTML, CSS

- Search Weather: Fetches real-time weather data using the OpenWeather API.
- Weather Details: Displays temperature, location, humidity, and wind speed.
- Dynamic Icons: Shows weather-specific icons for clear sky, rain, snow, etc.
- Error Handling: Provides user-friendly messages for invalid input or errors.
- Responsive Design: Optimized for all screen sizes using Flexbox and Media Queries.

#### Movie Listing Application | React, JavaScript, HTML, CSS Nov-2024

- Search Movies: Fetches movies using the OMDb API and displays results in a responsive grid.
- Movie Details Page: Shows full details (poster, title, year, genre, director, plot) for selected movies.
- Favorites Management: Allows users to mark/unmark movies as favorites, stored locally using localStorage.
- Pagination: Enables smooth navigation across multiple pages of search results.
- Search Validation: Validates input and displays messages for empty searches or no results.
- Responsive Design: Optimized for all screen sizes using CSS Grid and Media Queries.

**Mar-2023**

#### Connect+ | PHP

- 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

**EXPERIENCE**

---

- **MERN stack Developer** **Aug(2024)-Present**  
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)  
Mangalam College of Engineering,  
CGPA:7.13  
**Kottayam, Kerala**
- Higher Secondary (Bio-Maths)** **2018 - 2020**  
St. Aloysius H.S.S Athirampuzha,  
CGPA:8.5  
**Kottayam, Kerala**
- Higher School** **2016 - 2018**  
St. Mary's G. H.S Athirampuzha,  
CGPA:10  
**Kottayam, Kerala**

**VOLUNTEERING ACTIVITES**

---

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

**CERTFICATIONS**

---

- MERN Stack Development **Feb-2025**  
FutureTechLabs
- Machine Learning with Python **Aug-2024**  
Data Py
- Cognizant Foundation Program - Tech4all **Feb-2023**  
AWS Cloud Computing  
Cognizant Foundation