

Moses Thomas Rodrigues

ELECTRONICS AND COMPUTER ENGINEER | Panjim,GOA
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Objective

Electronics and Computer Engineering student with hands-on experience in web development, app development, and AI integration. Seeking an entry-level Software Engineer or Software Developer role where I can apply my skills across software and hardware systems to build scalable, real-world solutions.

Work Experience

PTWO Technologies | Front end Developer

September 2025 - November 2025

- Implemented front-end solutions using HTML, CSS, and React for real-world projects.
- Converted Figma designs into responsive React code with attention to UI/UX principles.
- Enhanced user interfaces through clean layouts and component-based architecture.

Artificial Intelligence Intern | Lenovo

June 2025 - July 2025

- Applied machine learning and deep learning techniques to real-world problem statements.
- Worked on NLP pipelines for text analysis and language-based tasks.
- Built a functional chatbot using Botpress with intent recognition and response handling.
- Strengthened practical understanding of AI workflows through hands-on projects and experimentation.

Skills

- Programming Languages: C, C++, Java, Python, PHP
- Frontend Development: React.js, Next.js, HTML5, CSS3, JavaScript
- Backend & Databases: Node.js, Supabase, MySQL, Firebase
- Tools & Platforms: Git, GitHub, Vercel
- Other Skills: Problem-Solving & Debugging, Data Structures & Algorithms, REST API Integration, Basic System Design, Version Control, Team Collaboration, Communication

Project

Crop Guard – Crop Disease Detection App: Built a web and mobile application that enables farmers to identify crop diseases using smartphone camera images and provides simple, actionable treatment recommendations in farmer-friendly language.

EcoWellAI – Smart Well Management Platform: Built a webapp platform for real-time groundwater well monitoring with secure access control and interactive maps, providing actionable insights into groundwater usage. Developed using Next.js, Supabase, and modern web technologies.

Palliative Care App – Patient Monitoring System: Designed a real-time patient monitoring system using ESP8266 hardware, a React Native mobile app, a Next.js web dashboard, and a Supabase backend with alerts, geo-tracking, and live vitals visualization.

WellnessAI - Mental Wellness Platform: An AI-assisted mental wellness platform for curated resources, community support, and seamless virtual therapy session scheduling with Google Meet integration.

Education

Agnel Institute in Technology and Design(AITD)

2023 - 2027

Electronics & Computer Engineering