

## Profile

A curious and diligent learner looking for an organization to expand my skills, learning and knowledge.

## Skills

- **Languages & Web Technologies:** C++, Python, HTML, CSS, ReactJS
- **Tools:** MATLAB Simulink, Arduino IDE, Power BI, Latex
- **Soft Skills:** Leadership, Team Player, Problem Solving, Ability to work under pressure

## Experience

- **CSIR-NIO (National Institute of Oceanography)** Dhona Paula, Goa  
*Research Intern* May 2023 – Aug 2023
  - Enhanced understanding: Strengthened knowledge of electrical and electronics components at (CSIR-NIO ) Goa.
  - Tracking controller development: Improved the depth control algorithm of the underwater of vehicle "Coral Bot" by adding tracking controller to it.
  - Observer development: Designed and implemented an altitude control observer for the underwater vehicle Coral Bot.
- **SparkPlus Technologies** Mapusa, Goa, India  
*Virtual Part-time Intern (Front-end Developer)* Jan 2023 – April 2023
  - Collaborated with the development team to design and implement new features for the "Solo" website. Conducted manual testing for the same for functionality and user experience.
- **Servon Solution Lpp** Rajasthan, India  
*Virtual Subject Matter Expert (Mathematics)* Oct 2021 – Jan 2022
  - Collaborated with the team to create math content for the Brainly app using Brainly CMS Portal and LaTeX. Provided live assistance for K-12/JEE level questions.

## Projects

- **Smart Water Level Controller with Wi-Fi Connectivity and Dry Run Protection:** Developed a smart controller using NodeMCU and Blynk IoT platform for real-time monitoring and pump control [🔗](#).
- **Smart Wi-Fi Irrigation System:** Implemented an efficient irrigation system with NodeMCU and Blynk IoT app, optimizing water usage [🔗](#).
- **Power BI Projects:**
  - **Crypto Currency Analysis:** (Trends & Dominance) [🔗](#). **Email Campaign Analysis:** (Insights) [🔗](#). **Maven Space Analysis:** (Success & Retirement Trends) [🔗](#). **Super Store Analysis (Growth & Profitability):** (Growth & Profitability) [🔗](#).
- **Front-End Development Project:** Portfolio react app, Fitness Website.

## Courses

- Google Data Analytics Professional Certificate. [🔗](#).
- Electrical Systems Course by Terry Peterman on Basics of Household Wiring (Udemy) [🔗](#).

## Education

- **National Institute of Technology Goa** B.Tech, Electrical and Electronics Engineering  
*August 2020 - May 2024* CGPA: 7.54
  - Control System
  - Switchgear and Protection
  - Power Electronics
  - Electrical Power Generation and Transmission
  - Electrical Machines
  - Power System Analysis
- **Shree Damodar Higher Secondary School of Science (Goa board)** Comba, Margao, Goa  
*May 2018 - May 2020* XII Percentage: 75.00
- **Holy Spirit Institute (High School)** Margao, Goa  
*Year of Passing: 2018* X Percentage: 83.00

## Hobbies

Trekking, Listening to Music, Cycling, Managing Social Media Pages

## Languages

Hindi, English, Konkani, Marathi

## Extra-curriculars/Volunteer Work

NIT Goa cultural event (Natrang) Coordinator, Batch 2024 Training and Placement Coordinator