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#### **EDUCATION**

## Indian Institute of Technology, Patna

AUG 2016 - JAN 2021

B. Tech in Electrical Engineering with additional courses like Programming & Data Structures and Digital Image Processing.

## Sri Chaitanya Vidyaniketan, A.P.

MAR 2014 - APR 2016

Senior Secondary with additional subject of Informatics Practice.

### **EXPERIENCE**

# ReDaze Films, Delhi — Frontend Developer

IULY 2022 - NOV 2022

- Successfully implemented various design changes to our client <u>Spectrum Business</u>'s webpage, resulting in an increase in user satisfaction.
- Maintained the webpage with a 98% uptime, ensuring that the page was accessible to users at all times.
- Added a new email feature to the system which led to an increase in customer engagement.

# Capemind, Delhi — Web Developer

NOV 2021 - MAR 2022

- Designed a website using principles of responsive web design and used Elementor for our client <u>Angoora</u>.
- Customized themes to create a seamless user interface, resulting in increased conversion rates.

## **ReDaze Films**, Delhi — Frontend Developer

JUNE 2021 - SEPT 2021

- Collaborated with the team to design, structure, and implement a new website from start to finish for our client <u>Fiscap</u>.
- Created responsive, accessible, and dynamic web pages that enabled users to easily navigate the site.

### **INTERNSHIPS**

## Digipplus, Kolkata— SME

Wrote 500+ original solutions for JEE Mains/Advanced questions, which were used by over 1000 students.

## **PROJECTS**

### **ABOUT**

I am currently working as a freelance Frontend Web Developer. I am detail-oriented, have strong technical skills, and I'm always excited to learn new things. I strive to create beautiful responsive web pages that allow users to have a seamless online experience.

### **SKILLS**

**COMPETENT**: HTML5, CSS, JavaScript, React, Wordpress **INTERMEDIATE**: Git, GitHub, MATLAB & Simulink, Figma, C++, Python

#### ADVANCED BEGINNER:

Bootstrap, Debugging, Search Engine Optimisation, Arduino

## **CERTIFICATES AND COURSES**

Meta Front-End Developer Professional Certificate Introduction to Back-End Development Build Your Portfolio Website using HTML and CSS Programming and Data Structures Deep Learning for Video Surveillance System

#### **COMMUNITY SERVICE**

Prayatna- taught PCM to underprivileged kids of 8th to 10th standard.

**Mentorship**- mentored a group of junior year students.

# **Smart Charger Design for EV Application**

- Developed a low level controller to support grid operations by establishing bidirectional power flow.
- Implemented a SPWM technique to control the charger against variable references in MATLAB Simulink.

## **Automated Irrigation System**

- Conceptualized an automated irrigation system that saved money and manual power for farmers, which will result in increased productivity.
- Designed & coded a soil moisture sensor using Arduino UNO to automatically water fields, reducing human intervention drastically.

## **POSITIONS OF RESPONSIBILITY**

## **Celesta**, **IIT Patna** — Event Organizer

- Successfully organized an intra-college Robo-Wars event that was
  praised by both participants and sponsors, resulting in increased interest
  for future events.
- Managed a team of 12 to coordinate the event, ensuring all tasks were completed on time and within budget.

### **LANGUAGES**

English, Hindi

#### **SOFT SKILLS**

Written Communication Good at working in teams Creative Thinking

#### **HOBBIES**

Painting and Sketching Stock Trading.

### **ADDITIONAL INFORMATION**

Awarded Silver medal in Avantika painting competition.