

# UDHAYA PRAKASH M *Front End Developer*

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## 📁 WORK HISTORY

### WEB DEVELOPER (INTERN), SKILL VERTEX

07/2022 – 10/2022

- Trained in web developing programs like HTML, CSS, JAVASCRIPT and PHP.
- Utilized them and built 2 ecommerce projects - Meal ordering and table reservation platform and Sneaker ecommerce website.

## 📁 PROJECTS

### CHARGING STRATEGY OF LITHIUM ION BATTERY

08/2022 – 04/2023

- With SEPIC converter as the base, worked on the implementation of the charge control algorithm.
- This aims at the effective charging of Lithium-Ion Battery.
- Improved performance while charging and reduced complexity of algorithm in regard to more than 5 diverse strategies.

### NETZON5-ONLINE OTT STREAMING PLATFORM

02/2023 – present

- The website is entirely responsive and uses the TMDB API to search over 1000+ films while offering narrative details, IMDB ratings, genre, and the year of release.
- The difficulties found in the code are made easy using Tailwind and platform allows multitasking of several pages simultaneously.

### REAL-ESTATE PRICE PREDICTION, LINEAR REGRESSION, MACHINE LEARNING

10/2022 – 12/2022

- Machine learning model that merges 2 significant fields - Data Science, Web Development to estimate the prices of houses in Bangalore.
- Specializes in providing accurate prices by taking into account the value arrived at, from numerous cases which includes 10,000+ rows of datasets.

### NIFTER-NFT MARKETPLACE 📄

09/2022 – 11/2022

- Designed the template and functioning of the marketplace (NFT) website that requires NFT REST-based API.
- It has access to meta image data, activity, pricing and ownership information at real-time.

### RESTAURANT RESERVATIONS AND MEAL ORDERING PLATFORM 📄

09/2022 – 09/2022

- HTML, CSS and JavaScript were the 3 web languages utilized in the development of this platform.
- The primary target was to make ordering food and reserving tables at restaurants more user-friendly by eliminating hardships found in other interfaces.

## 🎓 EDUCATION

**Bachelor of Technology - ELECTRICAL AND ELECTRONICS  
ENGINEERING, VELLORE INSTITUTE OF TECHNOLOGY, CHENNAI**  
CGPA: **7.87**

07/2019 – 05/2023 | CHENNAI, INDIA

## 🧠 SKILLS

- |              |            |                            |             |
|--------------|------------|----------------------------|-------------|
| • JAVASCRIPT | • HTML     | • CSS                      | • BOOTSTRAP |
| • TAILWIND   | • REACT JS | • RESPONSIVE WEB<br>DESIGN | • FIGMA     |
| • JAVA       | • PYTHON   | • MACHINE LEARNING         | • POWER BI  |
| • TABLEAU    | • MYSQL    | • MONGODB                  | • POSTMAN   |
| • FIREBASE   | • GITHUB   |                            |             |