

KARTHIK RAUT

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Education

D.Y Patil College of Engineering

Bachelor of Engineering in Computer Engineering (CGPA of 9.48)

August 2022 - June 2026

Maharashtra, India

Projects

FilmFusion | *React Js, Tailwind Css, Redux* | 🌐 🌐

May 2024

- Created a **dynamic web application** showcasing **trending and popular movies** and TV shows, featuring **trailers, cast information, and crew details**, offering users **comprehensive insights** into the **entertainment industry**.
- Integrated **Redux** for **state management**, allowing for **centralized data storage** and efficient management of application state, enhancing **scalability** and **maintainability**.
- Implemented **advanced features** such as **infinite scrolling** using the **React Infinite Scroll** library, enhancing **user engagement** and providing a **smooth browsing experience**.
- Utilized **APIs** to fetch data about **trending movies** and details of people associated with them, demonstrating proficiency in **data fetching** and **asynchronous programming**.

EcoJugaad | *React Js, Tailwind Css, Node Js, Express Js, Mysql, Sequelize* | 🌐 🌐

April 2024

- Developed a **full-stack web application** called **Ecojugaad** aimed at locating **E-waste Recycle Facility** near user's location.
- Leveraged **React.js** for efficient **component-based development**, ensuring **modular and reusable code** while facilitating **rapid development** and **maintenance**.
- Implemented **location-based services** using **MapGL API**, allowing users to access their current location and view nearby e-waste facilities on an **interactive map**, enhancing **user experience** and **usability**.
- Integrated **MySQL database** for storing user information, e-waste facility details, and booking information, demonstrating **scalability**.
- Utilized **Sequelize ORM** for **database management**, facilitating efficient **data storage** and **retrieval operations**.

CryptoMon | *React Js, Material Ui, Redux, Firebase* | 🌐 🌐

December 2023

- Developed a **modern web application** using **React.js**, **Material UI**, and **React Chart**, providing users with **real-time cryptocurrency prices** and **historical price trends**.
- Integrated **React Chart** for visualizing cryptocurrency price data, enabling users to **analyze price trends** and make informed **investment decisions**.
- Integrated **Firebase** for **authentication**, ensuring **secure user authentication** and **authorization**, and providing a **seamless and personalized user experience**.

Technical Skills

Programming Languages: C++, Javascript, Python

Web Technologies: HTML, CSS, ReactJS, NodeJS, ExpressJs, Tailwind CSS, Sequelize

Tools: Git, Github, Postman, Linux, Vercel

Libraries: Redux JS

Databases: MongoDB, Firebase, MySQL

Achievements and Responsibilities

- **Ranked 6th** among 30 teams in **Tata Power Hackathon**
- Solved more than **200+** problems on **Leetcode**
- Selected as a **Contributor: GSSoC (GirlScript Summer of Code) 2024**
- **DSA/CP Co-ordinator** at GDSC, DYPCOE
- **Technical Coordinator** at ACES, DYPCOE