

KARTIK CHAUDHARI

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Education

Savitribai Phule Pune University

Bachelor of Technology in Computer Science

Feb. 2020 – May 2024

Pune, Maharashtra

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Computer Networks
- Cloud Computing
- OOPs

Experience

PHN Technology Pvt.Ltd.

May - June 2023

Web development Intern

Virtual

- **User-Friendly Interface:** Designed and implemented an intuitive UI with features like product browsing, detailed product pages, and an interactive shopping cart using HTML, CSS, and JavaScript.
- **Core E-Commerce Functionalities:** Developed essential functionalities, including user registration, product search, category filtering, and order placement, simulating a complete online shopping experience.
- **Responsive Design:** Ensured cross-device compatibility by building a responsive platform that provides seamless usability on desktops, tablets, and mobile devices.

Projects

Movie Booking System | *HTML, CSS, JS, Firebase*

- **Movie Browsing and Sorting:** Users can browse a wide selection of movies with options to sort them based on various criteria, ensuring a smooth and personalized browsing experience.
- **Detailed Movie Pages:** Clicking on a movie card takes the user to a detailed page showcasing the movie's description, cast, and trailer, offering all essential information in one place.
- **Interactive Ticket Booking:** The system allows users to book tickets by selecting their preferred location and choosing specific seats, streamlining the booking process with an intuitive interface.

OS Simulator App | *HTML, CSS, JavaScript*

- **Dynamic Navbar:** A fixed top panel displaying "Activities," real-time **Date & Time**, and system status icons (Battery, Wi-Fi, Notifications, and Speaker), with battery levels dynamically updated and color-coded.
- **Interactive Dock:** A vertical sidebar featuring shortcuts to frequently used applications like Terminal, Browser, and Settings, with hover animations for smooth scaling and visual feedback.
- **Expandable App Menu:** A hidden, toggle-based menu revealing additional apps in a responsive grid format, enhanced by slide-in animations and a modern aesthetic.

Car Price Prediction Model | *Machine Learning*

- **Data-Driven Price Prediction:** Built a predictive model to estimate car prices based on relevant data inputs, leveraging statistical or machine learning techniques for accuracy.
- **Interactive User Interface:** Designed a responsive and user-friendly UI, allowing users to input details and instantly view predicted prices with a clean and intuitive layout.
- **Seamless Integration:** Integrated the prediction model with the UI to provide real-time price predictions, enhancing usability and improving decision-making efficiency.

Technical Skills

Languages: Python, C, C++, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Git, GitHub

Technologies/Frameworks: ReactJS, TailwindCSS

Achievements

- **Research Paper:-** Published a research paper titled as "Technological Approach towards Smart Grid Security" in Springer Singapore.
- **Coding:-** Solved across 500+ problems on different coding platforms(GFG,Leetcode,Codechef etc.)