NIKHIL KUMAR

Portfolio | Github | Linkedin

✉ nik.kr008@gmail.com   📞 7808627025, 8709177342

EDUCATION

B. Tech | Electrical and Electronics Engineering (May/2022 – Pass out with CGPA of 9)

From: SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu

WORK EXPERIENCE

➤ **Programmer Analyst (Cognizant)**
June/2022 – Present
- Worked on a US-based Health Care project in Medicare
- Collaborated with cross-functional teams, including designers and back-end developers, to translate requirements into functional UI.
- Developed and maintained high-quality, reusable, and efficient code using and React.js and React Native. Implemented responsive designs for seamless functionality across devices and platforms. Worked closely with UI/UX designers to ensure the integrity of the user experience and visual design.
- Integrated with back-end systems and APIs, ensuring efficient communication and synchronization.
- Optimized applications for maximum performance and scalability. And conducted code reviews to ensure code quality, maintainability, and adherence to best practices.

PROJECTS

➤ **Movies Suggestion App (**Code Link: https://github.com/nikkr008/WeekendMovies-App**)**
- Developed a cross-platform mobile application using React Native framework, ensuring compatibility across iOS and Android platforms.
- Utilized Redux for state management, ensuring efficient data flow and seamless integration of user preferences.
- Designed and implemented a captivating user interface (UI), focusing on usability and aesthetic appeal to enhance user engagement.
- Integrated APIs (TMDB) to fetch curated movie suggestions, providing personalized recommendations based on user preferences.
- Implemented intuitive navigation using React Native's built-in navigation libraries, ensuring effortless exploration throughout the app.
- Enabled users to tailor their watchlist, save favorite movies, and personalize their profiles, enhancing the overall user experience.

➤ **Bluetooth Thermal Printer (**Code Link: https://github.com/nikkr008/Bluetooth_Thermal_Printer**)**
- Developed a React Native mobile app to seamlessly connect with Bluetooth Thermal Printers for receipt printing.
- Utilized Bluetooth Manager and Redux for efficient device management and state handling.
- Implemented intuitive UI for text input and printing initiation. Ensured cross-platform compatibility for iOS and Android.
- Designed user-friendly interfaces for easy interaction.
- Optimized performance for diverse devices.

➤ **Travel Website (**Link: https://nikkr008.github.io/Travel-Site/**)**
- Developed a responsive travel website, using HTML, CSS, JavaScript, PHP, and SCSS. For the needs travel enthusiasts. Utilized HTML, CSS, and SCSS for modern, responsive design and seamless user experience. Implemented JavaScript for interactive features, enhancing user engagement and navigation. Integrated PHP for dynamic content, such as travel deals, user registration, and data management. Maintained and updated the website, ensuring accurate information and optimal performance.

➤ **IoT module for multiple EVs charging platform - Digital Ecosystem**
- Development of a charging ecosystem for a specific geo-mapping location using **Python**.
- The module can directly notify the user remotely about the available charging slots and the battery status. A new algorithm is developed that would calculate the priority of charge scheduling for a vehicle based on factors such as State of Charge, charging priority. Users can choose charging stations from Grid-To-Vehicle (G2V), Building-To-Vehicle (B2V), and Vehicle-To-Vehicle (V2V) based on their needs.

SKILLS

➤ **Languages -** JavaScript , Java, C++, Python
➤ **IT Constructs –** Mobile App development, Frontend web development, HTML5, CSS3, DSA, DBMS, Computer Networking.
➤ **Frameworks/Libraries -** React Native, React.js, Bootstrap, Node.js.
➤ **Experienced With –** Git, GitHub, SDLC, STLC
➤ **Soft Skills:** Communication, Collaboration

ACHIEVEMENTS: "Awarded 2ⁿᵈ best project in SRM Project expo 2022"