Harshal Kher

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EDUCATION

Senior Higher Secondary School
Standard Public School, Indore   Percentage – 80/100   2017 - 2018
BE in Electronics and Telecommunication
Institute of Engineering and Technology, DAVV, Indore   CGPA – 7.7/10   2019 - 2023

TECHNICAL SKILLS

Programming Languages: C++, JavaScript, Typescript, Python, Java
Technologies: HTML, CSS, ReactJS, React Native, Redux, NodeJS, Pandas, Spring boot, Hibernate, JPA, AWS
Database and Client/Server Technologies: MySQL, MongoDB, JDBC
Software & Tools: Microsoft VS Code, Eclipse, Git, GitHub, Jira, Xcode, Android Studio, MS Excel

CERTIFICATIONS

The Complete 2022 Web Development Bootcamp   Udemy   Jan 2022 – Apr 2022
AWS Certified Cloud Practitioner   Udemy   Jun 2024 – Aug 2024

PROFESSIONAL EXPERIENCE

Telio-Labs Communications (TelioEV) | Software Developer   July 2023 – Present
- Developed UI, API integration, UX, and bug fixes for the TelioEV app in a team of 5, adding native iOS/Android permissions for location, notifications, and storage.
- Managed iOS and Android development in React Native, adding conditional responsiveness, handling native modules, permissions, and resolving platform-specific issues
- Managed production issues, Designed and implemented a charging flow in the UI, and integrated 8+ charging APIs into the TelioEV mobile app.
- Designed and implemented RFID and wallet screens, integrating them with 6+ APIs to ensure efficient data handling.
- Added social login functionality, including Google and Apple login, allowing users to log in through Apple ID, Gmail, or mobile/email.
- Developed a QR scan screen for charging via QR codes and a booking screen to enhance user convenience and information access.
- Refactored and integrated over 30 version 2 APIs, improving app performance, and response body and message responses.
- Designed and developed 5+ vehicle screens and modals, including backend and database integration for CRUD operations.
- Spearheading the development of the TelioEV mobile application, encompassing UI design, backend development, and API integration. Overseeing the entire project lifecycle to ensure seamless integration and functionality across all components.

Telio-Labs Communications (TelioEV) | Software Development Intern   Jan 2023 – June 2023
- Developed the TelioEV app from scratch, creating 15+ responsive screens, including Map, Add Vehicle, and Station Details.
- Implemented a Route Planner with Google Maps and Directions APIs, reducing API latency by 20% via caching. Developed Map screen with marker clustering and places search.
- Build 10+ reusable components and manage navigation for the whole app.
- Reduced delivery time of white-label solutions by 20% through the implementation of vector icons and image configurations, efficiently managed via backend APIs.

ACADEMIC PROJECT

Full stack Keeper App with Blockchain
- Created a to-do list site that lets users add, edit, and delete tasks they want to work on and mark tasks as complete without deleting them.
- Instigate using HTML, CSS, JavaScript, ReactJS and the internet computer's Motoko language.
- Contrivance orthogonal persistence to permanently save user data without a separate database, reducing storage overhead by 30% and simplifying data management.

Netflix Movies and TV Shows Clustering
- Developed a clustering model to group Netflix movies and TV shows into distinct clusters based on their similarities, improving content recommendations and categorization accuracy by 35%.
- Conducted extensive data analysis and exploratory data analysis (EDA) using Sci-kit, Pandas, and NumPy. Utilized NLTK for text processing and K-Nearest Neighbors (KNN) for clustering, leading to the identification of 5 unique content clusters. Visualized data insights using Matplotlib, enhancing interpretability and decision-making.
- Computed and analyzed variables such as sentiment scores, readability levels, and the use of passive words, and improved the sentiment analysis accuracy by 20%.

Recipe Site
- Created a food recipe website with search capability that fetches data from a food API and shows detailed recipes and instructions about different recipes.
- Reduced API call latency by 50% through optimized asynchronous requests, parallel data fetching, caching responses, implementing debouncing and throttling
- Achieved the site using ReactJS, styled-components, HTML, and integrated multiple public APIs.

ACHIEVEMENTS

- Solved over 500 coding challenges on Leet Code and various coding platforms.