**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, Jenkins

**Database and Client/Server Technologies:** MySQL, MongoDB, JDBC

**Software & Tools:**  Microsoft VS Code, Eclipse, Git, GitHub, Jira, 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

* Worked on the UI, API integration, UX, and bug fixes for the TelioEV mobile app in a team of 5, achieving significant improvements in user satisfaction, resolving 40+ bugs.
* 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 flow screens and modals, including backend and database integration, to support CRUD operations for EV vehicle.
* 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 15+ screens such as Add Vehicle and Station Details for TelioEV app.
* Implemented a Route Planner screen using the Google Maps API and the Directions API, incorporating caching for enhanced, and resulting in a 20% reduction in API call latency.
* 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.