Harshal Kher

harshalkher27@gmail.com **|** +91 9109554427 | Github | Linkedin | Leetcode

EDUCATION

BE in Electronics and Telecommunication
Institute of Engineering and Technology, DAVV, Indore   CGPA – 7.66/10   **2019-Present**
Senior Higher Secondary School
Standard Public School, Indore   Percentage – 79.8/100   **2017- 2018**

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 – Mar 2022

PROFESSIONAL EXPERIENCE

Teliolabs Communications (TelioEV) | Software Developer   July 2023 – Present
   Java, React, TypeScript, CSS, Redux, Figma, React Animations, Axios, Firebase, Spring Boot, SQL, Hibernate, JPA.
- Worked on the user interface and API integration for the TelioEV mobile application.
- Integrated ESlint and Prettier and created customized rules for identifying problematic patterns found in code.
- Working on user experience and bug fixes for the TelioEV mobile application.
- Developed and refactored backend modules using Java 8. Implemented rigorous code quality checks using SonarLint to ensure adherence to industry coding standards and best practices.
- Implemented efficient pagination and sorting functionalities using Spring Framework's Pageable and Sort features, crafted complex SQL queries, converted entity manager string queries to proper SQL JPA queries, optimizing database interactions.
- Strictly followed REST API standards during code refactoring. Implemented JavaX validation in REST APIs.

Teliolabs Communications (TelioEV) | Software Development Intern   Jan 2023 – June 2023
   React Native, TypeScript, CSS, Figma, Redux, Axios, and APIs
- Developed dynamic and responsive screens such as Add Vehicle and Station Details for TelioEV app.
- Created Route Planner screen using the Google Maps API, and the Directions API.
- Created reusable components and oversaw navigation for the whole app.
- Reduced Delivery Time of White Label Solutions by the usage of dynamic icons configuration and images configurations, fed through the backend APIs to the app.

ACADEMIC PROJECT

Full stack Keeper App with Blockchain
- Developed 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.
- Developed using HTML, CSS, JavaScript, ReactJS and the internet computer's Motoko language.
- Saves the data entered by the user permanently with orthogonal persistence without the need for a separate database.

Netflix Movies and TV Shows Clustering
- Develop a clustering model for Netflix movies and TV shows. Analyse the characteristics and attributes of Netflix movies and TV shows and group them into distinct clusters based on their similarities.
- Analyzed data and performed EDA using libraries such as Sci-kit, Pandas, NumPy, used NLTK for text processing, KNN for clustering, and matplotlib to visualize our data.
- Computed variables such as sentimental opinion, sentiment scores, readability, passive words, etc. and compared them.

Recipe Site
- Developed a food recipe website with search capability that fetches data from a food API and shows detailed recipes and instructions about different recipes.
- Created using APIs, HTML, styled components and ReactJS.
- By applying clustering, it provides more personalized and relevant recommendations to its users, leading to increased user engagement and satisfaction.

ACHIEVEMENTS

- Successfully conquered the Campus Beats Challenge orchestrated by ZS Associates, showcasing proficiency and expertise in the field.
- Triumphed over 500 coding challenges on LeetCode and various prominent coding platforms