SAURABH KUMAR

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SUMMARY

I am currently working as an Software Development Engineer specializing in React Native at Futuristic Labs.
I bring 1.8 years of professional experience in mobile app development, having worked with Futuristic Labs and MapmyIndia. My expertise lies in JavaScript, React JS, and React Native, with a proven track record of developing and optimizing mobile applications.

I am currently seeking a challenging role as a React Native Developer where I can contribute my skills to create impactful applications while continuing to advance my expertise in mobile development.

PROFESSIONAL EXPERIENCE

MAPMYINDIA(APRIL 2023- JULY 2024)

Agartala Property Survey App   June 2023 - Jan 2024

- Developed modules like Property Registration, Field Verification, Map Representation with MapmyIndia Mappls, Property Split, and Search/Filter functionality.
- Optimized performance using data caching, lazy loading, dependency injection, and Kotlin Flows with coroutines, improving efficiency by 25%.
- Delivered a live location-based survey app with Clean Code Architecture, MVVM pattern, and Material Design, earning high client satisfaction from Agartala local government officials.

Tata Motors Native Navigation   Feb 2024 - Mar 2024

- Integrated Mappls native navigation into Tata Motors vehicles, enabling seamless communication with Tata Motors cloud services via MQTT protocol using the publish-subscribe pattern.
- Developed key features like PushDestinationToMap, allowing users to send a location from the Tata Motors app to the vehicle's navigation system, with options to view or navigate to the destination.
- Utilized broadcast receivers and Android services to maintain reliable IoT connectivity within the vehicle.
- Collaborated with cross-functional teams and Tata Motors' cloud and device support to ensure seamless requirement gathering, efficient product development, and robust communication.

Assam Excise App   March 2024 - June 2024

- Developed a React Native app for managing excise records, allowing users to create, view, edit, and save records based on business locations in Assam using Mappls maps.
- Added Realm DB by MongoDB for robust offline support as an alternative to SQLite.
- Implemented Redux Toolkit for centralized state management with reducers and action dispatchers, and utilized Redux Thunk for asynchronous logic and data fetching.

Mappls Navigation App   June 2024 - June 2024

- Contributed to UI and functionality enhancements, resolving critical issues and optimizing app performance.
- Fixed the street view reset issue during theme switches between dark and light modes, ensuring a seamless user experience.

FUTURISTIC LABS(JULY 2024- PRESENT)

Klynk App   **July 2024 - Present**

- Collaborated with firmware engineers to integrate and manage WebSocket connectivity for seamless communication between the app and the Semi-Induction Cooktop hardware.
- Developed advanced cooking features, including manual cooking and step-by-step guided cooking, to minimize user interaction and enhance cooking efficiency.
- Implemented a Meal Plan feature that enables users to schedule meals and a Shopping List that simplifies grocery management.
- Successfully integrated ONDC (Open Network for Digital Commerce) to enable in-app grocery shopping with a seamless user experience.
- Revamped the entire application codebase from JavaScript to TypeScript, improving code maintainability, type safety, and overall performance.
- Designed and developed a Recipe Creation Tool with robust validation, empowering users to create, save, and share recipes within the app.
- Built a dynamic Recipe Search and Filter functionality, allowing users to explore recipes based on ingredients, cuisine, dietary preferences, and more.
- Worked on native modules to implement WebSocket connectivity for both Android and iOS platforms, ensuring cross-platform functionality.
- Facilitated real-time communication with firmware to send and receive commands for efficient device control and status updates.
- Enhanced Meal Plan and Shopping List collaboration, enabling multiple users to plan, edit, and manage grocery lists collectively within the app ecosystem.
- Optimized user experience with a modern and intuitive UI, leveraging insights from Klynk app usage to deliver tailored solutions.

EDUCATION

B.sc(Computer Application)	**7.6 CGPA**
St.Xavier's College, Ranchi	**Sep 2020 - May 2023**
Intermediate Of Science	**90.2%(Best 5 Subjects)**
K.V HEC No. 1, Ranchi, Jharkhand	**April 2019 - March 2020**
Matriculation	**89.4%(Best 5 Subjects)**
Cambrian Public School, Ranchi	**April 2017 - March 2018**

SKILLS

- **Technical Skills and Programming Languages:** Kotlin, Javascript, React Native, Redux toolkit, Typescript, Java, XML, Material Design, Redux toolkit, Saga, Thunk, Firebase, Realm DB.
- **Tools:** Git, Gitlab, Android Studio, VS Code, Postman, Jira, Intellij Idea, Xcode.
- **Languages**: English, Hindi

SOCIAL LINKS

Github   Leetcode   LinkedIn