

Bharat Negi

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WORK EXPERIENCE

Software Engineer

Root Info Solutions, Delhi

August 2024 - Present

- Built and maintained cross-platform mobile apps using **React Native**, with secure **Node.js + Express.js** RESTful APIs and **MySQL** backend integration.
- Implemented scalable state management using **Redux Toolkit** and **Context API**, collaborated in agile teams, and ensured seamless UI/UX execution.

Programmer

Tata Consultancy Services (TCS), Noida

Oct 2020 – Oct 2021

- Developed responsive and modular web applications using **React.js**, ensuring optimal performance and cross-browser compatibility.
- Implemented efficient state management using **Redux Toolkit** and **Context API**, collaborated with UI/UX teams, and adhered to agile workflows.

EDUCATION

Central University Of Haryana

Master in Computer Application

Mahendragarh, Haryana

September 2022 - August 2024

Kumaon University

Bachelor in Computer Application

Nainital, Uttarakhand

August 2017 - September 2020

TECHNICAL SKILLS

Programming Languages: C++

Frontend: React Native, React.js, Redux, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, BLE

Backend: Node.js, Express.js

Database/ORM: MySQL, MongoDB

Data Structures(1600+ rating in Leetcode), Algorithms, Problem Solving

PROJECTS

- **Scentiment – IoT-Enabled Perfume Dispenser E-commerce App** A smart perfume spreader system integrated with a **React Native** mobile application and a **Node.js + Express.js** backend, allowing users to control devices remotely and shop for perfumes and accessories.
 - Led the development of critical modules including **API design**, **frontend architecture**, and **device connectivity interfaces**.
 - Designed mobile UI in React Native for **real-time device control**, shopping workflows, and user authentication flows.
 - Implemented **Bluetooth Low Energy(BLE)** communication for seamless device interaction and **integrated Wi-fi connectivity** for extended network features.
 - Collaborated in a cross-functional team to manage **hardware communication protocols** and **state synchronization** with the cloud backend.[\[Available on Play Store and App Store\]](#)
- **Light Awake: Light and Alarm Controller** A smart alarm app that controls light and sound to provide a gentle, customizable wake-up experience.
 - Developed a smart alarm app, **Light Awake**, enabling users to control light and audio alarms via mobile interface for an enhanced wake-up experience.
 - {Designed intuitive UI using **React Native** and integrated real-time device control, optimizing user experience through smooth automation workflows.