RAJ KUMAR SINGH

• (+91) 8377046339 • rajkumar2000824@gmail.com • Leetcode • Linkedin • Github • Portfolio

SKILLS

C++, Java, Javascript, HTML, SQL, Data Structures and Algorithms, OOPS, Node.js.
Tools: Android Studio, Git, Git Hub, Google Firebase.
Framework: React Native.
Code editors/IDE: Visual Studio Code, Sublime Text, Android Studio, MySQL Workbench.

WORK EXPERIENCE

Homians Pvt Ltd,   Jan 2022 – Jul 2022
Android Developer Intern (certificate)   Greater Noida

- Spearheaded the development of an Android app for food ordering with payment acceptance (**Razorpay**), cart system, and authentication system, serving 280 active users and processing **1,100 transactions weekly**.
- Delivered the app within a tight deadline of **6 months**, resulting in a **20%** decrease in app crashes and a 15% increase in overall user satisfaction.
- **Tools used**: Kotlin, Android Studio, Google Firebase.

PROJECTS

CRYPTOMETER | GitHub
- Developed a cryptocurrency market tracking application using **Javascript** and **React Native,** integrated **charting functionality** to display historical performance data of cryptocurrencies.
- Implemented the **Context API** and **Recoil library**, resulting in a **20%** reduction in app loading times, and utilized the **AXIOS library** for **real-time data updates**, enabling users to create and manage personalized portfolios tailored to their investment preferences.
- **Tools used**: Javascript, React Native, Node.js, Expo, API, Firebase, Android Emulator.

THEATRE | GitHub
- Developed **dynamic movie ticket app** with **Javascript**, **React Native,** and integrated **Sanity CMS**, resulting in **25%** increased user engagement through real-time content updates and enhanced user experience.
- Streamlined cart system using **React Redux**, leading to a **20%** decrease in cart abandonment rate and improved transaction success rates by **30%** after integrating **Razorpay** for efficient payment processing.
- Maintained **100%** accuracy in seat booking records using **Sanity backend storage**.
- **Tools used**: Javascript, React Native, Node.js, Expo, API, Android Emulator, Sanity.

SMARTCHECK ATTENDANCE | GitHub
- Developed an application utilizing **QR code scanning** technology. Integrated with **Google Apps Script**, the system saved an estimated 2 hours per teacher per week, resulting in a **25%** reduction in administrative tasks related to attendance management.
- Streamlined attendance management for teachers by providing real-time access to an online attendance sheet, **reducing manual record-keeping and administrative tasks**.
- **Tools** used: Kotlin, Google Firebase, Android Studio, Android Emulator.

EDUCATION

B.Tech Computer Science Engineering   2024
Noida Institute of Engineering and Technology, Greater Noida.   CGPA: 8.1

AWARDS/ACHIEVEMENT

- Served as an **Android Lead** at the **Google Developer Student Club**, NIET.(Certificate)
- A Winner in IOTRON organized by the **Institutions Innovation Council (IIC)** of NIET, Greater Noida.
- Selected in the **top 3 teams** at the college level in the **Hardware edition of Smart India Hackathon 2022.**

CERTIFICATIONS

- Goldman Sachs Engineering Virtual Program. (Certificate)
- Object Oriented Programming in Java. (Certificate)
- Accenture Developer Virtual Experience Program. (Certificate)
- Introduction to Web Development with HTML, CSS, and Javascript. (Certificate)