**RAJ KUMAR SINGH**

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**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**,

**Android Developer Intern** [(certificate)](https://drive.google.com/drive/folders/1qeaBzBwOTvskhI9MdX_phtu_7kZS5m8v?usp=sharing)

Jan 2022 – Jul 2022

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**](https://github.com/Rajkumar-24/Cryp)

* 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 tailoredto their investment preferences.
* **Tools used**: Javascript, React Native, Node.js, Expo, API, Firebase, Android Emulator.

**THEATRE |** [**GitHub**](https://github.com/Rajkumar-24/Theater)

* 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**](https://github.com/Rajkumar-24/Contactless-Attendance-System-App)

* 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)](https://drive.google.com/file/d/1IW_0dqlNa4VPxdmUGmDAGfbs4_yAhIAT/view?usp=sharing)
* 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)](https://drive.google.com/file/d/1Hwo6H_ZY8nUuINfFZ20RhjothP0lVTPr/view?usp=sharing)
* Accenture Developer Virtual Experience Program. [(Certificate)](https://drive.google.com/file/d/1SdR-G_dggUwggLUtWCy2F_ZghvKfZnRH/view?usp=sharing)
* Object Oriented Programming in Java. [(Certificate)](https://drive.google.com/file/d/1UOmW-T7kOj6lfo9M0oet-8hx6toWyWYJ/view?usp=sharing)
* Introduction to Web Development with HTML, CSS, and Javascript. [(Certificate)](https://drive.google.com/file/d/12zo9QC0xtsSLtLQ7qKLz7fxq0qNp6Bvs/view?usp=sharing)