VISHNU SHARMA

Software Engineer
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WORK EXPERIENCE

Software Engineer, Aurionpro Solutions   **March 2023 - Present**

Developed Android applications for **UPSRTC** and **HSRTC**, enabling **online ticket reservations** across Mobile and ETIM devices, supporting Ticket booking, cancellation, and payment processing.
ETIM Device Application Development:

- Led the development of an application for **ETIM devices**, used by conductors in buses and at ticket counters to facilitate end-user ticket booking, ticket cancellation, and fare transactions.
- Integrated advanced functionality for ticket printing, QR code scanning, and transaction processing by implementing Android SDK alongside **YSDK**, enabling physical ticket printing and design customization for a seamless user experience.

Mobile Application Enhancement: LINK

- Improved the existing mobile application by incorporating modules for current booking, ticket cancellation, online payment processing, and UI/UX enhancements.
- Collaborated in a team of five, including backend developers, to coordinate feature integration, resulting in timely project delivery and a **30% reduction in bug incidents**.
- Utilized Jetpack libraries and Architecture Components in the **MVVM pattern** to streamline application performance, achieving a **20% boost in overall app efficiency**.

Software Engineer, Eshiksa Technology   **Jan 2022 - Mar 2023**

- Redesigned and enhanced the **Employee Management App** in Kotlin by incorporating new features such as in/out timing, attendance tracking, and leave management, resulting in a 30% increase in user engagement and app usage metrics.
- Utilized **Firebase for authentication, Crashlytics** for monitoring app stability, and analytics for performance insights to optimize the Employee Management App's functionality, leading to a 20% decrease in app crashes and errors.

Intern, Hitachi Consulting   **June 2019 - Sept 2019**

- I have developed an Android application to **access cloud storage using Amazon S3 APIs**.
- Utilized basic Android development techniques such as implementing Widgets, Layouts, Recycler View, and Retrofit to enhance the functionality of the application
- Gained valuable experience in team management, task scheduling, and time management, enhancing project efficiency and team dynamics.

SKILLS SUMMARY

- **Technical :** Java, Kotlin, Jetpack Compose, REST APIs, MVVM, Coroutines, Room DB, Git, RxJava, Firebase, DI, Unit Testing, Material Design, Work Manager, Debugging, JSON.
- **Certification :** Internship Certificate, Java Training Certificate, Linkedin Learning Certificate.

EDUCATION   **2016-2020**

Bachelor of Technology in Computer Science
Shri Bhawani Niketan Institute of Technology and Management, Jaipur