

PRATAP SINGH

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SUMMARY

Highly motivated Mobile App Developer with 2+ years of experience in Android Studio, Java, XML, Kotlin, and MySQL. Strong problem-solving skills with a passion for building scalable applications. Adept at working in Agile environments, collaborating with teams, and delivering high-quality software solutions. Seeking an opportunity to contribute to innovative mobile solutions.

WORK EXPERIENCE

Mobile App Developer – CognoRise InfoTech (Remote, Part-time) Oct 2024 – Nov 2024

- Developed BMI Calculator App with an interactive animated gauge.
- Built a 3x3 Sliding Puzzle Game with dynamic tile movements.
- Designed a To-Do Application using MVVM architecture with Room database.
- Integrated Kotlin coroutines for UI responsiveness and optimized data handling.
- Tools Used: Android Studio, Kotlin, Room DB, Agile Development

PROJECTS

- **NumeralCalc** – Developed an app to convert numeral values with step-by-step solutions.
- **Attendance System Using Real-Time Face Recognition** – AI-powered system using OpenCV.
- **BMI Calculator** – Created an intuitive BMI calculator with animated gauges.
- **Puzzle Game** – Built a sliding puzzle game with random tile movements.
- **To-Do Application** – Designed a task management app using MVVM architecture.

EDUCATION

Master of Computer Applications (MCA) - University of Kota 2022 - 2024 | 8.26 CGPA

Bachelor of Computer Applications (BCA) - JNVU, Jodhpur 2019 - 2021 | 69.96%

TECHNICAL SKILLS

- **Programming Languages:** Java, Kotlin, Python, C/C++
- **Mobile Development:** Android Studio, XML, Jetpack Compose
- **Database Management:** MySQL, Room Database, Firebase
- **Development Tools:** Git, GitHub, Version Control Systems
- **Frameworks & Libraries:** OpenCV, Mediapipe, Material UI
- **Other Skills:** Cryptography, Image Processing, Agile Development

LINKS & PROFILES

- **LinkedIn:** www.linkedin.com/in/pratapj
- **GitHub:** <https://github.com/PratapRJ>
- **LeetCode:** <https://leetcode.com/u/PratapRJ/>
- **Portfolio:** <https://pratapj.github.io/portfolio/>