

# MRITYUNJAY PRASAD SINGH

Final Year / Senior

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## Profile Summary :

I am a final-year computer science and engineering student that loves learning and sees opportunities to learn everywhere. I am a highly motivated and goal-driven student who is passionate about finding solutions to problems and putting them into practice in order to increase productivity and efficiency. I am interested in learning new technologies and am passionate about mobile application development, game development, and blockchain app development.

## Skills:

- Android Studio • Android • Java • Java AWT • Kotlin • Jetpack Compose • XML
- Data Structure & Algorithm • Firebase • MongoDB • PostgreSQL • JavaScript
- Python • Figma • Git • MySQL

## Education :

Priyadarshini J L College of Engineering (PJLCE), NAGPUR  
**B.tech in Computer Science and Engineering**

2021-2024

Priyadarshini Polytechnic, Nagpur  
**Diploma**

2019-2021

PERCENTAGE : 80.69%

Shri Nirala Junior Collage, Nagpur  
**HSC**

2017-2018

PERCENTAGE : 54%

Sri Guru Harikishan Public School, Nagpur  
**SSC**

2016-2017

PERCENTAGE : 59%

## Projects :

- **Socials App :** 07/2023 - 08/2023  
(Technologies used : Java, Android, Firebase)
  - **Java programming** was used to create the "**Socials**" Android chat application, while **Firebase** was used as the backend. I was able to develop an effective and durable **Android application** using Java as the programming language. **Real-time messaging**, which enables **sending** and **receiving instant messages**, is the application's core feature. To ensure the accuracy of the **data storage, synchronization**, and **user authentication**, I utilized Firebase as the backend solution. Additionally, because to Firebase's real-time database capabilities, the "Socials" app can give dynamic updates straight immediately. Users can chat with friends, family, or coworkers through "Socials," **promoting fluid connection over distance**.
- **Portfolio Website :** 08/2023 - 012/2023  
(Technologies used : Javascript, Next.js, React, TypeScript, Tailwind CSS)
  - My **portfolio** website serves as a dynamic showcase of my **skills, accomplishments**. Featuring a **user-friendly design**, the site provides an interactive experience for visitors to explore my diverse **projects**, ranging from **web development** and **app development**. Visit my portfolio to gain insight into my **creative process, technical proficiency**, and dedication to delivering results in the ever-evolving landscape of technology and design.

- **IoT Based Alert System for Disabled Person :**

2022-2023

(Technologies used : Arduino, C++, )

(Hardware/Software)

- A technological solution created to improve the security and independence of **people with disabilities** is an IoT-based alert system for disabled people utilizing **Arduino** and **C++**. Aggregating data from various sensors, spotting patterns, and setting off alarms as necessary are all tasks carried out by the central hub. There are several ways to send alerts, including SMS, email, mobile app notifications, and even automated phone calls.

## Achievements : \_\_\_\_\_

- September 2, 2023 The Yashwantrao Chavan College of Engineering - YCCE, Nagpur, MH, IN hosted the **Android Campus Fest**, where I had the privilege of listening to a stellar lineup of speakers and insights today. I registered my social networking application "**Socials**" for the Appathon as well, and I'm thrilled to share that it was selected for the shortlist and that I was one of the select few participants to win the Appathon.

## Certificates: \_\_\_\_\_

- |   |                 |
|---|-----------------|
| • Programming in Java   | - Coding Ninjas |
| • Data Structure and Algorithm in Java                        | - Coding Ninjas |
| • Android App Development From Beginner to Advanced Developer | - Udemy         |

## Strenghts: \_\_\_\_\_

- Good Team Player
- Good listener
- Problem Solving Skills

## Interest: \_\_\_\_\_

- |                 |                              |                  |
|-----------------|------------------------------|------------------|
| • Playing games | • Exploring New Technologies | • Volunteer Work |
| • Football      | • Movies                     | • Travelling     |