

Harsh Singh

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Objective

Seeking a Software Engineer Intern position, equipped with strong skills in Data Structures and Algorithms, Android Development, and a history of impactful contributions to open-source projects. Eager to apply my problem-solving abilities and optimal programming approach in a collaborative, learning-focused internship.

Education

Bachelor of Technology **RGPV University** *Bhopal, MP, India* **07/2021 - 06/2025 (Expected)**

- Computer Science and Engineering (GPA: 7.84/10)

Skills

- **Programming Languages / Databases:** Java, Kotlin, C/C++, Python, SQL
- **Tools and Technologies:** Android Studio, Android SDK, Git, GitHub, Version Control, Firebase, RESTful APIs, Coroutines, Jetpack Compose, Linux, Windows
- **Coursework:** Object-Oriented Programming, Data Structures and Algorithms, Operating Systems, Database Management Systems, Computer Networking, Software Engineering
- **Soft Skills:** Problem Solving, Teamwork, Effective Communication, Creativity, Attention to Detail, Leadership

Projects

KanbanBoard | Project Management App [Link](#) **06/2023 - Present**

- Project Description: A project management application that uses Firebase Firestore to store data in the cloud. The application allows users to create projects, add tasks to projects, and assign tasks to users. It also supports drag-and-drop functionality, notifications, and user profiles.
- Technologies Used: Android, Java, XML, Firebase Firestore, Drag-and-Drop, Notifications, User Profiles.
- Skills Demonstrated: Using Firebase Firestore, Implementing drag-and-drop functionality, Sending notifications, Creating user profiles.

BodySync | Workout Application [Link](#) **06/2023 - Present**

- Project Description: A workout application that allows users to track their workouts, set goals, and receive feedback.
- Technologies Used: Android, Kotlin, XML, SQLite, Text to Speech.
- Skills Demonstrated: Building complex UIs, Playing sounds and using the media player, Using text to speech, Using recycled views, Hiding and displaying UI elements, Storing data permanently on the device.

Experience

Android Lead **Google Developer Student Clubs** *Bhopal, MP, India* **08/2023 - Present**

- Successfully executed 3 tech events, which are on Info Session, Web3/Blockchain, Android, with average participation of 550+ students in the event of GDSC SIRT.
- Managed a team of 10 volunteers, which increased the coding club's membership by more than 500 within a week.

Open-Source Contributor **Hactoberfest 2022** *Remote* **10/2022 - 11/2022**

- Contributed to the renowned "@TheAlgorithms" repository.
- Contributed to 10 open-source projects, which improved the performance of 3 open-source projects by an average of 10%. Fixed 15 bugs, which include UI, Coroutines, and increased the function's performance in open-source projects.
- With the help of prior knowledge of Java, Data Structures and Algorithms, Android Development, and Kotlin, added optimized solutions for DSA problems in different repositories.

Awards And Honors

Best Presentation And Logo Design Award in Codebite Hackathon [Link](#) **02/2023**

- CODEBITE 2023: A State Level Hackathon conducted by Sheryians Coding School on February 23-24, 2023, at SIRT Bhopal. This was the biggest Web Development Hackathon in Madhya Pradesh. There were 140 teams participating in the hackathon, and our team was one of the 10 teams that made it to the final round.

Certifications

Data Structures and Algorithms with Java | Apna College [Link](#) **08/2022 - 02/2023**

- Skills Gained: Problem Solving, Task Execution, Data Structures, Object-Oriented Programming (OOP), Algorithms, Software Development, Core Java, Java.

AWS Essentials Certification | ITE Infotech [Link](#) **10/2022 - 10/2022**

- Skills Gained: AWS Essentials Certified: Validated foundational knowledge of the AWS Cloud.