Harsh Singh

 LinkedIn | +91 70472 72436 | harshsingh.com | harshsingh704888@gmail.com | GitHub

Objective

Seeking a Software Engineer Intern position, I am 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, SQL, C Programming
• **Tools and Technologies:** RESTful APIs, Firebase, Realtime Database, Git, GitHub, Version Control, JSON, SQLite, Android Studio, Android SDK, XML, Jetpack Compose, Linux, GSON, RETROFIT, DEXTER and many more
• **Technical Proficiencies:** Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems, Computer Networking
• **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 Cloud 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 Cloud Firestore, Drag-and-Drop, Notifications, User Profiles.
• Skills Demonstrated: Using Firebase Cloud Firestore, Implementing drag-and-drop functionality, Sending notifications, Creating user profiles.

**EcoSync	Water and Electricity Tracking App** Link	**09/2023 - 09/2023**

• Project Description: Developed an innovative app integrating real-time monitoring and behavioral change strategies for sustainable Electricity Usage.
• Technologies and Tools: Android Studio, Kotlin, XML, Node.js, JavaScript, C, Firebase, Firestore Realtime Database.
• Hardware Used: NodeMCU, LCD with I2C Adapter Module, Voltage and Current Sensor.
• Achievements: Achieved **95%** real-time data accuracy, facilitated a **20%** reduction in utility bills, enabled a **15%** reduction in resource consumption.

Awards and Honors

First Prize, CodeEnergia 2023 Hackathon Link	**09/2023**

• Led the winning team in the development of "EcoSync - Water and Electricity Tracking App."
• Collaborated with a diverse team of members, showcasing strong leadership and teamwork.
• Recognized by judges for innovation and received an offer of post-hackathon support.
• Competed and triumphed among 400+ participants.

Work Experience

Android Lead	**Google Developer Student Clubs**	*Bhopal, 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.

Certifications

**Data Structures and Algorithms with Java	Apna College** Link	**08/2022 - 02/2023**
**AWS Essentials Certification	ITE Infotech** Link	**10/2022 - 10/2022**