Harsh Singh

harshsingh704888@gmail.com | (+91) 704 7272 436 | LinkedIn - harshsingh-io

EDUCATION

RGPV UNIVERSITY
Bachelor Of Technology
Computer Science
(Expected : 06/2025)
Bhopal, Madhya Pradesh
CGPA : 7.7

SKILLS

PROGRAMMING

Experienced:
Java • Kotlin

Familiar:
C • SQL • Python

TOOLS/TECHNOLOGIES

- Android Development
- MVVM Architecture
- Firebase
- RESTful APIs
- Firebase
- Coroutines
- Jetpack Compose
- Git
- Github

TECHNICAL PROFICIENCIES

- Data Structures and Algorithms (DSA)
- Object-Oriented Programming (OOPs)
- Database Management Systems (DBMS)

SOFT SKILLS

• Problem Solving • Teamwork • Effective Communication • Attention to Detail • Leadership

ACHIEVEMENTS

CODEBITE HACKATHON LINK
First Prize, CodeEnergia 2023 Hackathon

- Led the winning team in the development of "EcoSync - Electricity Tracking App."
- Recognized by judges for innovation and received an offer of post-hackathon support.
- Competed and triumphed among 400+ participants.

PROJECTS

TRELLO CLONE | MANAGE TEAM PROJECTS LINK

- Project Description:
  Trello is the flexible work management tool that empowers all teams to plan, track, and accomplish their work, their way. Whether you're planning a website design project, managing weekly meetings, or onboarding a new employee, Trello is infinitely customizable and flexible for every type of work.
- Technologies Used:
  Android, Kotlin, XML, Firebase Cloud Firestore, Version Control, JUnit, MVVM Architecture.
- Skills Demonstrated:
  Kotlin, Android Development, UI Design (XML), Database Management, Version Control (Git), Testing (JUnit, Espresso), Problem-Solving, Adaptability, Code Optimization.

ECOSYNC | ELECTRICITY TRACKING APP LINK

- Project Description:
  EcoSync is a versatile and innovative app designed to empower users to manage their electricity consumption efficiently. Users can set up profiles, monitor real-time usage data from smart meters or manual inputs, and receive immediate notifications to encourage sustainable habits.
- Technologies Used:
  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.

POSITION OF RESPONSIBILITY

ANDROID LEAD | Google Developer Student Clubs
08/2023 - Present | Hybrid

- 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.

CERTIFICATIONS

DATA STRUCTURES AND ALGORITHMS WITH JAVA : LINK
08/2022 - 02/2023

ANDROID 14 & KOTLIN DEVELOPMENT MASTERCLASS | TUTORIALS.EU : LINK
05/2023 - 11/2023

LINKS

Github: github.com/harshsingh-io
Portfolio: harshsingh-io.github.io/portfolio/
Playstore: play.google.com/store/search?q=pub:harshsingh-io