Harkiran Kaur

•8979872107 • harkirankalra@gmail.com • Roorkee,Uttarakhand,India • [LinkedIn](#) • [Github](#)

SUMMARY

- Aspiring software developer with a strong foundation in programming languages such as Java and Python. Passionate about building innovative solutions and eager to contribute to dynamic development teams. Committed to continuous learning and applying best practices in software development to deliver high-quality applications.

EDUCATION

2019-2022   **ST.ANN'S SR SEC SCHOOL**   ROORKEE,INDIA
- *Class X(CBSE),scored 96%*
- *Class XII(CBSE),scored 90%*

2022-2026   **JC BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY,YMCA**   FARIDABAD ,INDIA
Bachelor of Technology in Electronics(Specialization in IOT)
SGPA:7.923

SKILLS

- **Programming Languages**

Java, Python, SQL, Java, JavaScript, HTML, CSS

- **Frameworks and Libraries**

ReactJS, Node.js, ExpressJS, TailwindCSS

- **Developer Tools**

Git, GitHub, VS Code , Postman

- **Platforms & Databases**

Firebase, MongoDB, MySQL

- **Additional Skills**

Data Structures and Algorithms, Rest API Development

ACHIEVEMENTS

Solved 300+ DSA problems on Leetcode using Java with a contest rating of 1448 and a 71-day streak, ranked in the top 63% globally.
Earned 5-star Badge in Java on HackerRank.,demonstrating strong command over object oriented programming and core Java concepts.

PROJECTS

- **Cashflow-Expense Tracking System**

Built a responsive expense tracking web app using ReactJS and Firebase ,enabling users to securely add ,edit and delete expenses with real-time database updates via Firestore.
Integrated Firebase Authenticiation for secure login/signup and visualized spending insights with interactive charts to help users manage and analyze their finances effectively.

- **CodeCollab-Real time collaborative Code Editor**

  Integrated WebSocket-powered live cursor tracking and instant synchronization for seamless collaboration.
  Implemented an IDE-like interface using React.js, Node.js, Socket.io and Monaco Editor.

- **Gesture Controlled Door**

Developed an IoT-based door control system using ESP32-CAM, enabling gesture recognition with real-time camera input.
Programmed C/C++ firmware to configure camera settings and implement motion-based gesture detection for door operation.
Integrated WiFi networking and HTTP server using TCP/IP, facilitating secure remote monitoring and control of door functions

EXPERIENCE

Nov2023-Mar2024   **Q&A Expert|Chegg India**
- Worked as a subject matter expert helping students understand complex concepts through well-written responses.

POSITION OF RESPONSIBILITY

- **Social Media Head|Training and Placement Cell(UDAAN)**

Social Media Head for the college's Training and Placement Cell, managing and curating content across Instagram, LinkedIn, etc.

- **Student Coordinator|IEEE & SAMARPAN**

Participated in various hackathons and coding contests along with the club members.