

# PRAHALAD MAHOUR

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## SUMMARY & OBJECTIVE

Computer Science student with proven full-stack Java/Python expertise in building secure, real-time systems (Android/Django). Seeking a Software Engineering Internship to leverage DSA and analytical skills in a collaborative setting.

## TECHNICAL SKILLS

- Languages: Java, Python, C/C++, PHP, JavaScript, HTML, CSS
- Concepts: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), End-to-End Encryption (AES), RSA

## EDUCATION

- B.Tech (2nd Year), CSE: Shri ram group of colleges, Gwalior (June 2027)
- Diploma in CSE: Dr. BRA Polytechnic college (2025 | First Division)

## SELECTED PROJECTS

### 1. Secure Social Media Platform (Android Application)

- Mobile app (Java/Android Studio) using Firebase for real-time data and authentication.
- Secured end-to-end real-time chat via the AES encryption algorithm.
- Engineered features: live voice rooms and a content suggestion system.

### 2. Real-Time Chat Web Application

- Full-stack real-time chat built with Python Django Framework.
- Engineered scalable server-side logic for session and message routing.
- Developed responsive front-end (HTML/JS) focusing on intuitive user experience.

## KEY STRENGTHS

- Project Execution: Proven ability to transition complex concepts (like AES encryption) into functional, secure applications.
- Leadership & Work Ethic: Demonstrated leadership in team management and a proactive, disciplined approach to self-learning and technical challenges.

## INTERESTS

- Reading Books, Music Appreciation, Traveling, Movies.