

# Ankit Yadav

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## Summary

Innovative professional in software development, known for productivity and efficiency in completing projects. Possess strong skills in algorithm design, system architecture, and code optimization. Excel in problem-solving, communication, and teamwork, ensuring successful collaboration on complex projects.

## Work experiences

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### Software Developer (Project-Based)

#### *Academic Projects*

- Built and deployed multiple full-stack applications with optimized performance and responsive designs.
- Collaborated with agile teams to deliver functional features using version control and CI/CD practices.
- Developed structured documentation and tested applications for cross-device compatibility and bug resilience.

## Projects

### 1. Instagram Clone (Android + Firebase)

- Developed an Instagram-like app using Kotlin and Firebase services.
- Implemented features like user authentication, post uploading, real-time Reels feed, profile management, and firebase integration.
- Integrated ViewPager2 and RecyclerView for a smooth and modern UI/UX.

### 2. Inventory Management System (Excel + VBA)

- Created a smart Excel system for inventory tracking using formulas, dropdowns, conditional formatting, and VBA macros.
- Automatically generate low-stock alerts and monthly reports.

### 3. Real-Time Crisis Management System (Kotlin + AI)

- Developed an Android app to detect and respond to emergency situations in large events using machine learning and real-time analytics.
- Integrated push notifications, Firebase Alerts, and admin control panel.

**4. Music Player App:** Offline music player with playlist management and modern UI.

## Skills

<b>Programming</b> Java, SQL C, C++, DSA	<b>Web Development</b> HTML, CSS, JavaScript, PHP, React	<b>Mobile Development</b> Android (Kotlin, Java)
<b>Database Managment</b> MySQL, Firebase, Google Sheet	<b>Version Control Tools &amp; IDEs</b> Android Studio, Visual Studio Code, Git, GitHub	<b>Debugging &amp; Testing</b>

## Education

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Bachelor of Science in Computer Science

Chandigarh University Gharuan [Mohali, India](#).

Graduated: 2025

## Certification

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- Python Programming – Coursera
  - React JS – Coursera

## Enhancement:

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- **Achievements:** Hackathons, coding competitions, or academic awards.
  - **Soft Skills:** Leadership, communication, adaptability, time management.
  - **Languages:** English, Hindi, etc. (if applying abroad or to MNCs)
  - **Portfolio/GitHub:** If you have links to live projects or a GitHub repo.