

Satwik Rai

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Varanasi, India 221003

SUMMARY

Passionate and results-driven BCA student with hands-on experience in modern **Android Development**. Proficient in building and maintaining applications using **Kotlin** and **Jetpack Compose**. Experienced in collaborating with **UI/UX** principles to design functional, user-friendly screens using **XML** and integrating **APIs** for seamless data flow. Eager to apply skills in a professional setting, write clean, maintainable code, and contribute to a seamless user experience.

SKILLS

Mobile Development: Android Development, Kotlin, Jetpack Compose, XML, Android Studio, Retrofit, RESTful APIs, Firebase, Git

Programming Languages: Java, C++, C

Databases: MySQL

Concepts & Methodologies: Data Structures, Object-Oriented Programming (OOPs), Mobile Application Development Lifecycle, Problem Solving

Soft Skills: Leadership, Critical Thinking, Communication, Adaptability, Teamwork

PROJECTS

AgroHelp

Aug 2025

- Developed a user-centric Android application using **Kotlin** and **XML** that provides real-time data to farmers.
- Integrated the **OpenWeather API** to fetch critical data, reducing data retrieval time by **30%**.
- Designed an intuitive UI/UX, resulting in a user-friendly app focused on performance and efficiency, leading to a **20%** faster load time.

UnitConverterApp

Jul 2025

- Created a modern Android application with **Kotlin** and **Jetpack Compose**, focusing on a scalable and modular architecture.
- Wrote clean, maintainable, and well-documented code, adhering to modern Android development standards.
- Optimized the app for seamless unit conversions, enhancing responsiveness and ensuring a fast user experience, with over **10+** different unit types supported.

Python & MySQL Database Application

Jan 2023-Feb 2023

- Built a Python application to insert and manage records in a MySQL database, improving data entry efficiency by **40%**.

INTERNSHIP EXPERIENCE

C++ Intern

Apr-May 2025

CodSoft

- Built **4 C++** projects focusing on object-oriented programming, algorithms, and problem-solving.

EDUCATION

Bachelor of Computer Applications (BCA), Computer Science

Expected: July 2026

Mahatma Gandhi Kashi Vidyapeeth, Varanasi

Senior Secondary (XII), Science

Completed: May 2023

Gyandeep English School, Varanasi

Diploma in Computer Concepts (CCC)

Completed: March 2022

National Institute of Electronics and Information Technology (NIELIT), New Delhi

CERTIFICATIONS

- Introduction to Prompt Engineering with GitHub Copilot:** Simplilearn (Issued Sep 2025)
- SOAR - AI to be Aware:** Microsoft (Issued Sep 2025)
- The Complete Android 14 & Kotlin Development Masterclass:** Udemy (Issued Sep 2025)
- Triwizardathon:** Microsoft Learn Student Ambassadors (Issued Aug 2025)
- Effective Leadership:** HP LIFE (Issued Jun 2025)
- C++ Intern:** CodSoft (Issued May 2025)
- Tata Group - Cybersecurity Analyst Job Simulation:** Forage (Issued Apr 2025)
- Cyber Security Workshop:** RootX Security Solutions (Issued Mar 2024)