

# Saransh Singh

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## Skills

- **Languages:** Kotlin, Java, Python, C++, SQL, XML
- **Core Fundamentals:** Data Structure & Algorithms (DSA), OOPs, DBMS, OS
- **Cloud & Tools:** Firebase (Auth, Firestore), Supabase, GitHub/Git, Android Studio, Figma
- **Developments:** Android SDK, Jetpack Compose, MVVM, Git/GitHub, Rest APIs
- **Soft Skills:** Problem-Solving, Team Player, Communication

## Projects

- **Vital Sense – Smart Health Monitoring App | [GitHub](#)** Dec 2025 – Jan 2026
  - Architected a secure health tracking application using MVVM architecture, decoupling UI from data logic to improve code maintainability and testability.
  - Implemented Firebase Authentication and Firestore to manage real-time user sessions and longitudinal health data for secure cloud storage.
  - Engineered a predictive logic module to analyze physiological metrics (Heart rate, BMI) and serve instant, personalized health insights.**Tech Stack:** Kotlin, Android SDK, Firebase Auth, Cloud Firestore, XML, Gemini API, Python
- **Study Buddy – Android app made for students | [GitHub](#)** July 2025 – Sept 2025
  - Features: Login/Signup (Email, Google, GitHub), Personal profiles.
  - Task Manager, Notifications, Pomodoro Timer & Analytics dashboard.
  - Voice notes + PDF upload system with modern animations.**Tech Stack:** Kotlin, XML, Supabase, MPAndroidChart
- **Blinkit Sales Analysis – Power Bi Dashboard | [GitHub](#)** Oct 2025 – Nov 2025
  - Designed a Power BI data model using DAX, optimized queries, and hierarchical filters to analyze 8.5k+ Blinkit sales and datapoints at scale.
  - Built interactive KPIs, charts, and slicers to visualize outlet performance, product demand, and item-level trends.
  - Performed data cleaning and transformation using Power Query to ensure accurate, high-quality BI insights,**Tech Stack:** Power BI, DAX, Power Query, Data Cleaning, Visualization

## Trainings

- **Technical Training Internship:** June 2025 – July 2025
  - Completed an industry – style training of 2 months program in Android Development.
  - Built 2 major application using Kotlin, Jetpack, MVVM architecture.
  - Used Supabase for login, real-time database and cloud storage.**Tech Stack:** Kotlin, Supabase, XML, MPAndroidCharts
- **Outlier – Applied Artificial Intelligence:** June 2024 – Aug 2024
  - Completed hands-on AI training focused on Machine Learning and Data Analysis.
  - Worked on dataset preprocessing, feature scaling and accuracy improvement.
  - Gained experience with **NumPy, Pandas, Matplotlib, Scikit-learn**.

## Certificates

- Android Developer Pro | Hands - On projects & Play Store Launch ([LPU](#)) June 2025 – July 2025
- Master Generative AI & Generative AI tools | [Infosys](#) Aug 2025 – Sept 2025
- Cloud Computing | [NPTEL](#) Jan 2025 – April 2025

## Achievements

- Completed 72 Hour Java Programming on iamneo platform.
- Master League status on Coding Ninjas Code 360 leaderboard.
- Completed 300 Hour FreeCodeCamp Responsive Web Design.

## Education

- **Lovely Professional University** Punjab, India  
Bachelor of Technology - Computer Science and Engineering; **CGPA: 8.40** Since Aug 2023
- **Wisdom Public School** Aligarh, Uttar Pradesh  
Intermediate- **Percentage: 80%** April 2022 - March 2023
- **Wisdom Public School** Aligarh, Uttar Pradesh  
Matriculation; **Percentage: 93%** April 2020 - March 2021