

Devangi Yadav

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SKILLS

- **Languages:** Java, JavaScript, Kotlin, Python, C++, SQL
- **Core CS Fundamentals:** DSA(Data Structure & Algorithms), OOPs, DBMS, Operating System
- **Frontend:** HTML5, CSS3, JavaScript(DOM, Events), Responsive Design
- **Cloud & Tools:** Firebase(Auth, Firestore), Supabase, GitHub/Git, Android Studio, Figma
- **Development:** Android SDK, REST APIs
- **Soft Skills:** Problem-Solving, Team Player, Adaptability
- **Problem Solving:** Arrays, Strings, Hashing, Recursion, Time & Space Complexity

PROJECTS

- **Shopping Web Application | GitHub** Dec 2025 – Jan 2026
 - Built a responsive shopping web application managing **20+ products** with **Add/Remove Cart** and **real-time price computation**.
 - Implemented efficient **cart state management** using JavaScript arrays and objects, supporting **dynamic quantity updates** and edge cases.
 - Optimized DOM updates to reduce unnecessary re-renders by **~30%**, improving UI responsiveness.**Tech Stack:** JavaScript, HTML, CSS
- **Vital Sense – Smart Health Monitoring App | GitHub** Dec 2025 – Jan 2026
 - Designed and developed a secure Android application using **MVVM architecture**, improving code maintainability and testability.
 - Implemented **Firebase Authentication** and **Firestore**, handling **real-time user data** for health metrics tracking.
 - Applied **DSA-based logic** to analyze physiological data (heart rate, BMI) and generate **personalized 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
 - Developed a multi-feature Android productivity app supporting **task management, notifications, and analytics dashboards** for **100+ study items**.
 - Implemented **Email & Google authentication** and secure file handling for **PDF uploads and voice notes**, improving content accessibility for students.
 - Designed a **voice notes + PDF management system** with smooth animations, reducing user navigation effort by **~25%**.
 - Integrated **MPAndroidChart** to visualize study progress and task completion trends, enabling **data-driven learning insights**.**Tech Stack:** Kotlin, XML, Supabase, MPAndroidChart

TRAINING

- **Android Developer Pro - Technical Training | Certificate** June 2025 – July 2025
 - Built modular applications using **MVVM**, focusing on **clean architecture and separation of concerns**.
 - Implemented authentication and optimized data retrieval using **Supabase**, improving response efficiency.
 - Built data visualization features using **MPAndroidChart** to improve analytical insights.**Tech Stack:** Kotlin, Supabase, XML, MPAndroidCharts

CERTIFICATES

- Cloud Computing | **NPTEL** Jan 2025 – May 2025
- ChatGPT-4 Prompt Engineering | **Infosys** Jan 2025 – April 2025

ACHIEVEMENTS

- Solved multiple Data Structures & Algorithms on Coding Ninjas Code360 and LeetCode with strong focus on arrays, strings, and hashing.
- Completed 72 Hour Java Programming on iamneo platform.
- Completed 300-Hour FreeCodeCamp Responsive Web Design.

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.30** Since Aug 2023
- **Raj Kamal Public School** Sikandra Rao, Uttar Pradesh
Intermediate April 2022 - March 2023
- **Raj Kamal Public School** Sikandra Rao, Uttar Pradesh
Matriculation April 2020 - March 2021