Hemraj Soyal

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Summary

- Acquired hands-on experience through a **3-month Web Development internship** and **Android App Development training**.
- Build modular apps using **Flutter**, **Dart**, and **Java** integrated with **RESTful APIs**.
- Experience with **Git**, **GitHub**, and **Jira** Software for version control, issue tracking, and agile development.

Experience

Web Development Intern   Sep 2024 – Nov 2024
Placify Technologies | *Certificate*

- Worked with development teams to build and deliver client-facing features, **improving user engagement by 15%**.
- Developed **8+** user-friendly and interactive web pages using **React.js**, ensuring optimal performance.

Projects

Utavine - Music Streaming App   **Flutter — Dart — Supabase — Firebase Auth**
Source Code

- Built a real-time, heart-rate-responsive music app using **Flutter** and **Wear OS**, adapting playback to user stress levels.
- Tracked user heartbeat via **SensorManager**, batching writes to **Supabase** every 60s to reduce database load.
- Integrated **Gemini AI** to generate mood keywords from heartbeat and used **Spotify API** to return **10+** relevant songs per session with **1-3s latency**.

DotRush - 2D Adventure Game   **Java — Java Swing — PostgreSQL**
Source Code

- Developed an adventure game in **Java Swing**, implementing real-time rendering and **multi-threading**.
- Implemented game ID logic and secure login with **BCrypt**, ensuring reliable authentication without collisions during testing.
- Gained practical insight into object-oriented design, thread control, and input handling through building core game systems.

CodeBucket - AI-Powered Coding Problem Organizer   **Flutter — Spring Boot — Supabase**
Source Code

- A full-stack app that helps users organize their coding problems from various platforms into user-defined buckets.
- Implemented **Gemini AI** integration to generate structured output.
- Integrated frontend with **Spring Boot REST APIs**, improving client-server interaction.
- Used **Supabase** for real-time user data and integrated **Google OAuth** to handle consistent multi-session access.

Certifications & Achievements

- **Android App Development Training** | Internshala Trainings   Aug 2024 – Oct 2024
  NSDC Certificate | Internshala Certificate
- **Unstop - Engineering: June Series** | Rank: #51   Jun 2025
  Certificate
- **Odoo Hackathon 2025** | Among **Top 250 Teams** (out of 19,000+ participants)   Aug 2025
  Certificate

Technical Skills

- **Programming:** HTML, CSS, Flutter, Dart, Java, Spring Boot, REST APIs
- **Databases:** MySQL, PostgreSQL, Firebase, Supabase
- **Developer Tools:** Jira, Git, GitHub, JUnit5, IntelliJ, Android Studio, VS Code
- **Testing:** Unit Testing, Manual Testing, API Testing
- **Core Fundamentals:** Data Structures, Algorithms, Object-Oriented Programming, Computer Networks

Soft Skills

- Solve problems on **LeetCode** and **CodeForces** to build consistency in problem solving.
- Communicate ideas visually using flow charts and diagrams during collaborative development.
- Sketch ideas to relax and visualize logic before coding.

Education

VIT Bhopal University | Master's of Computer Applications (MCA)   Jul 2024 – Jun 2026 (Expected)
CGPA: 8.41
University of Rajasthan | Bachelor's of Computer Applications (BCA)   Aug 2021 – Jun 2024
CGPA: 7.26