

Naveen Singh

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Summary

Mobile App Developer with hands-on experience in designing, developing, and deploying Android applications using Kotlin, Java, and XML. Ability to quickly learn and implement new technologies. Self-motivated, Strategic thinker.

Education

B. Tech (CSE)	June 2022 –Ongoing	VIT Bhopal University	8.53/10
Class XII	July 2021	Sunbeam School Varuna	89.8 %
Class X	May 2019	Sunbeam School Varuna	91.8 %

Skills

- Android App Development: Kotlin, XML, Android Studio
- Languages: Java, C++, Python, Javascript.
- Databases: Firebase, JDBC-ODBC, MySQL, PLSQL
- Tools: Git/GitHub, VS Code, Android Studio, IntelliJ Idea, Pycharm.
- Iot and Robotics: Arduino, ESP32, Arduino IDE.
- Machine Learning: Support Vector Machines (SVM), Decision Trees, Random Forest, Agglomerative Clustering, K-Means, Bayesian Networks, Apriori Algorithm
- Miscellaneous: Leadership, Teamwork, Time Management, Quick Learning

Certifications

HTML, CSS, and JavaScript for Web Developers, Coursera	2023
Google - The Bits and Bytes of Computer Networking	2023
Cloud Computing, NPTEL	2024

Projects

Volume Calculator App

[GitHub](#)

- The Volume Calculator App allows users to calculate the volume of various geometric shapes.

Technical Requirements

- Tech Stack: Built on Android Studio Using Kotlin & XML, Material Design.
- Backend: Kotlin to create a calculation logic for each geometric shape, using mathematical formulas.
- Frontend: The UI is designed using XML, which includes a grid view layout of shapes.

Key Features

- Multi-Shape Support: The app supports calculation of volume for multiple geometric shapes, including cones, cubes, cuboids, cylinders, prisms, and spheres.
- Real-time Calculation: The app performs calculations in real-time, providing instant results as the user inputs the dimensions.

This app is designed to provide a smooth and efficient note-taking experience with essential features.

Tech Stack

- **Built on:** Android Studio using Kotlin & XML
- **Backend:** Kotlin to handle note management logic efficiently
- **Frontend:** XML with Material Design for a visually appealing UI

Key Features

- **User-Friendly Interface:** Simple yet powerful UI for easy note management
- **Efficient Storage:** Uses Room Database for offline note storage
- **Real-time Updates:** Ensures smooth and responsive interactions