

# VARUN MEHRA

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## Summary

Passionate Flutter Developer with **1.5+** years of experience in cross-platform mobile development. Proficient in Dart, SwiftUI, and Python, with expertise in state management (**BLoC, Provider, GetX**), backend integration (**REST APIs, GraphQL, WebSockets**), and **CI/CD** automation. Strong problem-solving skills, with a focus on performance optimization, security, and scalable architectures.

## Education

### BACHELOR IN TECHNOLOGY

GITS, RTU, Kota [2020 - 2024]

Computer Science Engineering

**OVERALL GPA = 9.44/10**

### SENIOR SECONDARY (12th)

Army Public School [CBSE, 2019]

**PCM - 69.80%**

## Experience

### FLUTTER DEVELOPER

📅 November, 2023 - October, 2024

#### APPS PUNDIT INFOTECH

- Designed and developed **cross-platform** mobile apps, enhancing user engagement by 75%.
- Integrated **REST APIs** and **Firestore backend**, improving performance and scalability.
- Implemented **CI/CD pipelines** using **Bitbucket Pipelines** and **Jenkins**, reducing deployment time.
- Led code reviews and **testing** cycles, ensuring high-quality releases.
- Developed multiple **iOS** applications using **SwiftUI**.

### ML ENGINEER INTERN

📅 July, 2023 - November, 2023

#### KANSO CLOUD

- Developed **NLP-based ML models**, integrated into Flutter apps for real-time processing.
- Optimized **AWS cloud infrastructure**, reducing data processing times by 30%.
- Implemented **GraphQL APIs** and **WebSocket**-based real-time data streaming.

## Achievements

- Google Student Club **GDSC FLUTTER LEAD, 2022**
- Smart India Hackathon **SIH WINNER, 2022**
- KAVACH Finalist 2023
- **WINNER** Hack-A-Vishkar 2022.
- [Leet Code Profile](#)

## Skills and Abilities

### PROGRAMMING

Dart, Swift, Python, C/C++,

### Framework & Tools

Flutter, SwiftUI, Django, Android SDK

### State Management

BLoC, Provider, GetX

### Backend APIs & CI/CD

REST APIs, GraphQL, WebSockets, Firebase, PostgreSQL, Bitbucket Pipelines, GitHub Actions

### Others

Data Structures & Algorithms, JSON, XML, Git

## Projects

### - **DELHI TOUR GUIDE** ([AppStore](#) and [PlayStore](#))

- Increased user interaction by **50%**, reaching **45k+** daily active users.
- Utilized **SQLite** Database, **Flutter local notifications**, and **AdMob** integration for app monetization.

### - **STORY OF PROPHETS**([AppStore](#) and [PlayStore](#))

- Used **BLoC**, **API calls**, and **isolates** for efficient state management and data handling.
- Integrated **Google Ads** and **in-app purchases** for monetization.
- Optimized performance with background processing and structured data management.

### - **SMART ASSEST MONITORING SYSTEM** ([link](#))

- Developed using **IoT** (Internet of Things), and **Firestore** database.
- Built for **Geotracking**, and **Realtime monitoring**, for asset management.

### - **MINEREG BOT** ([link](#))

Developed with **ML Kit** and **TensorFlow Lite** to achieve accurate predictions and optimized performance for real-time data processing.

**Technologies:** TensorFlow, Flutter, Natural Language Processing (NLP), Artificial Intelligence (AI), Tflite

## Coursework

- SWIFT programming Bootcamp, 2023
- Flutter Architecture and Testing, 2023
- Complete Flutter Bootcamp with Dart, 2021

## Position Or Responsibility

- **Co-Leader** of Winning Team in SIH
- Student editor newsletter(2021-22)
- **Class Representative** of my class.