

# Fateh Inder Singh

Nabha, Punjab, India | +91 8847539536 | fatehbhullar10@gmail.com  
Github | LinkedIn

## Professional Summary

Final-year B.Tech Computer Science student specializing in **Flutter and Dart** for building scalable, cross-platform mobile applications. Hands-on experience with real-world Flutter projects involving **maps, API integration, state management, and clean architecture**. Actively building a live railway tracking application inspired by global transport radar systems. Seeking a Flutter Developer Internship to contribute to production-grade applications and learn professional development workflows.

## Education

<b>Vellore Institute of Technology</b>	Expected August 2026
Bachelor of Technology in Computer Science and Engineering	Bhopal, India
<b>The Punjab Public School</b>	2022
Senior Secondary (PCM)	Nabha, India

## Technical Skills

**Frameworks/Libraries:** Flutter, Android SDK, Material Design, Cupertino Widgets

**Languages:** Dart, Java, Kotlin, XML

**Tools & Technologies:** Git, Firebase, Android Studio, REST APIs

## Experience

<b>PLYPICKER</b>	Remote
<i>Data Entry Intern</i>	September 2022 – February 2023
<ul style="list-style-type: none"><li>Streamlined data verification workflows, increasing department-wide productivity by 10%.</li><li>Optimized input techniques, enhancing overall data processing efficiency by 15%.</li><li>Identified and resolved 50+ record inconsistencies to maintain database integrity.</li></ul>	

## Projects

### Rail Radar – Live Train Tracking Mobile Application (Personal Project, In Progress)

*Tech Stack: Flutter, Dart, OpenStreetMap (OSM), REST APIs (Planned), Git*

- Developing a Flutter-based mobile application to visualize real-time train movement on an interactive map using OpenStreetMap (OSM).
- Implementing dynamic map markers, train routes, and station overlays to simulate live railway tracking and enhance spatial data visualization.
- Designing the application with a clean, modular architecture to keep UI, state management, and data layers decoupled for future scalability.
- Simulating real-time data flow using structured mock datasets, with a planned transition to REST API integration for live backend data.
- Exploring Flutter state management approaches (Provider / Riverpod) while focusing on performance optimization, smooth animations, and responsive UI/UX.

### Cross-Platform Time Tracking App

*Tech Stack: Flutter, Dart, Provider, Flutter SDK*

- Developed a production-ready application for Android, iOS, and Web from a single Dart codebase.
- Implemented task-based time logging and state management to help users monitor productivity.
- Built a responsive UI utilizing Flutter's flexible layout system to ensure visual consistency across mobile and desktop viewports.
- Structured the app using modular architecture to separate business logic from UI components.

## Certifications & Additional Info

- Certification:** Flutter and Dart: Developing iOS, Android, and Mobile Apps (Coursera)
- Certification:** Google: The Bits and Bytes of Computer Networking (Coursera)
- Languages:** English (Fluent), Punjabi (Fluent), Hindi (Conversational)