

# Mrinal Mohit

+919693937893 | mrinal0307mohit@gmail.com | Bhopal, Madhya Pradesh | LinkedIn

## SUMMARY

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Aspiring software engineer with practical experience in full-stack mobile development and machine learning. Interested in building scalable and secure applications. Strong grasp of object-oriented programming, systems design, and product development.

## TECHNICAL SKILLS

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**Languages:** Java, Dart, SQL, Go, C++, Python

**Frameworks:** Flutter, Flask, Spring Boot

**Databases:** Firestore(Firebase), MySQL, PostgreSQL

**Developer Tools:** Git/GitHub, Firebase, MATLAB, Figma, Visual Studio

**Specialization Domain:** Database, AI, ML, Android, iOS

**Concepts:** OOP, Operating Systems, Algorithms, System Design, Distributed Systems, Optimization

**Non-Technical Skills:** Product Development and Management

## EXPERIENCE

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### Flutter Developer Intern

Mar 2025 – Apr 2025

*Know Your Trips, Dublin*

- Collaborated with a team of five to develop a Flutter app for Android and iOS.
- Integrated JWT and other authentication methods on frontend for secure user access.
- Implemented Firebase Cloud Messaging for notifications.
- Deployed application to Apple App Store using Apple Store Connect.

## PROJECTS

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### TraVIT – Smart Carpooling Platform

*Flutter + Firebase – Google Maps API – Realtime Sync*

- Built a secure college-only carpooling app with Google Sign-in restricted to institute emails.
- Enabled trip matching and feedback system.

### GeoGuard – Location-based Activity Tracker

*Flutter + Firebase – Google Maps API*

- Designed a system to track users' live activity based on geolocation.
- Targeted towards monitoring students, patients, and employees.

### News Analyzer

*Python Flask – IBM Watson NLU – ML*

- Developed an app to classify news sentiment, tone, and extract keywords using Watson NLU.
- Preprocessed data using pandas, NLTK; deployed on IBM Cloud.

### FlixMate – Movie Info App

*Flutter – TVMaze API – REST – BLoC pattern*

- Designed a Netflix-style app with responsive UI, bottom navigation, and search with debounce.
- Fetched and displayed movie/series data using REST APIs.

## CERTIFICATIONS

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- Oracle Certified Java Professional (Java SE-17) ([Link](#))
- IBM Introduction to Cloud ([Link](#))
- Industrial IoT Markets and Security ([Link](#))
- Flutter Development with Dart ([Link](#))

## EDUCATION

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**VIT Bhopal University**  
*B.Tech in Computer Science and Engineering*  
**CGPA:** 7.83/10

Bhopal, India  
*Expected Aug 2027*

## Co-CURRICULAR ACTIVITIES

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- Solved 100+ problems on LeetCode.
- 4-star rating in Java on HackerRank.
- Active participant on CodeChef and HackerRank.
- Participated in multiple college-level hackathons and coding competitions.