

# Vinod Patil

developer.vinod.patil@gmail.com | +91 9372829070

   pencercoder

## EXPERIENCE

### SWIPE (YC21) | ANDROID SDE 1

Mar 2024 – Nov 2025 | Hyderabad, TS

- Restructured app into multi-module by segregating into core modules(database, network, data, etc.) and features modules(consisting data-domain-presentation) enforcing separation of concern & loose coupling.
- Refactored error-prone, tightly coupled features(document create/details) code, migrating XML layouts to Compose UI and fixing ANR/performance issues, by using best of coroutines & Flows, clean data mappers, and domain usecases.
- Resolved bugs, Firebase Crashlytics errors, API failures, crashes—interacted with support team to address reported issues/bugs/features and maintained crash-free users above 99.8%.

### FLOURISENSE TECH | APPLICATION DEVELOPER INTERN

Dec 2022 – June 2023 | Pune, MH

- Delivered end-to-end features for Infits & ABPhysics; migrated Room to DataStore, implemented Figma UI, collaborated with founder, and managed Play Store releases.

## PROJECTS

### PENCER - | SHARE EXPENSES AMONG GROUPS/FRIENDS

Mar 2025 - development | Multi-Module + MVVM + Clean Arch, Kotlin, Compose UI, Retrofit, ROOM, Proto Datastore, WorkManager | TS, Node JS, Redis, Express, Supabase (PostgreSQL), Firebase

- Split expenses in groups/friends. Get summarized expenses, due payments, min settlements transactions with debt algorithms.
- Real-time sync for data updates from backend, FCM.
- Clean RESTful APIs with API versioning, proper HTTP status codes, middleware, error handling & normalized PostgreSQL schema.
- Robust Node.js backend with best-in-class rate limiters.
- Clean Modularized Android codebase with core and feature modules; custom Gradle plugin conventions managed via build-logic module.
- Compose UI with type-safe navigation, Extensive use of Coroutines, Flows, Lifecycle APIs, JetPack libraries.
- Use test numbers as OTPs disabled: 9372829070, 9370160700

### BHAGAVAD GITA APP | OFFLINE APP FOR GITA

May 2024 | MVVM, Kotlin, ROOM-SQLite, DataStore, JSON

### EVENT MASTER APP | APP TO MANAGE COLLEGE EVENTS.

May 2023 | Kotlin, ROOM, Datastore, Hilt, Mongo DB, Express, Node JS

- Teachers create events, generate regi/attendance reports. Students register, mark attendance via geofence, and download certificates

## PUBLICATIONS

L-165428/2023, | EVENT MASTER (LITERARY/DRAMATIC WORK)

Event Master is an Android app to manage college events.

L-117410/2022, | FLIGHT PRICE PREDICTION(LITERARY/DRAMATIC)

Flight Price Prediction helps buy tickets early at lower prices.

## EDUCATION

### GHRCEM | B.Tech in CSE

June 2023 | Pune, MH | CGPA: 8.8

### JNV PALGHAR | AISSCE

May 2018 | Palghar, MH | Grades: 85%

### VIDYA MANDIR GORHE | SSC

May 2016 | Palghar, MH | Grades: 95%

## SKILLS

**ANDROID** | Multi-Module Arch, MVVM Arch, Lifecycle, Jetpack Libraries, Room, DataStore, WorkManager, Retrofit, Dagger 1-2, Hilt, Koin, XML, Compose, JNI, Coroutines, Flows, LiveData, Firebase Crashlytics, Exceptions Handling.

**LANG** | Kotlin, C++, Java, JS, TS, SQL

**BACKEND** | Node JS, Express, Supabase, Mongo DB, Firebase, PostgreSQL

## VOLUNTEERING

### ANTENNAPOD & ORGANIC MAPS | OPEN SOURCE CONTRIBUTOR

Solving issues, bugs, developing discussing features on GitHub.

### ETHICAL HACKING & CODING CLUB | MENTOR TUTOR

Conducted seminars on DSA, and Competitive Coding. Organized Quizzes Coding Competitions.

## ACHIEVEMENTS

NES Inno. Awards, Top 30 teams in India Codechef 3 Star coder

Top 18% on Leetcode,450+ problems  
200 Days '22-23, Leetcode Badges  
2nd place in inter-college Idea-Thon  
Watched 1000+ One Piece episodes in

## LINKS

 website/vinodpatildev

 linkedin.com/vinodpatildev

 github.com/vinodpatildev

 leetcode.com/vinodpatildev

 codechef.com/vinodpatil