

# Harshad Odakkal

## Mobile Application Developer

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### PROFILE

**Mobile Application Developer** with 3+ years of experience building and releasing production-ready apps from scratch. Proven track record of owning the entire app lifecycle — from architecture, development, and deployment to Play Store and App Store release. I specialise in **Flutter, BLoC, Provider, MVVM**, and **clean architecture**, effectively managing projects from development to deployment.



I have successfully delivered multiple production apps at [Zoooper](#) , contributed to solutions at Neel Tech([iCent App](#) )i, and currently lead the JioEngin mobile application development at GlobalLogic for Jio Private Limited.

In addition to my professional work, I am an AI enthusiast and tech newsletter writer, passionate about exploring new technologies. I also have experience in **Kotlin, Node.js**, and **MongoDB**, which I utilise to enhance my full-stack skills through personal projects.

### SKILLS

Flutter, Andriod, Dart, Kotlin, iOS, MVVM, MVC, Firebase, Figma, App/Play Store Deployments, Jetpack Compose, Cubit, Provider, Bloc State Management, Getx, Node js, MonogoDB, JavaScript

### WORK EXPERIENCE

2025/01 – Present	<b>GlobalLogic – Software Engineer (Client: Jio Private Limited),</b> <i>Software Engineer</i> <ul style="list-style-type: none"><li>Architected <b>JioEngin mobile app</b> from scratch in Flutter using <b>Clean Architecture + Feature-First Modularisation</b>, ensuring clear <b>separation of concerns</b> between presentation (Bloc, MVVM), domain (use cases, entities), and data (repositories, API clients).</li><li>Applied <b>SOLID principles, Dependency Injection (GetIt), and Inversion of Control</b> to build scalable, testable modules, and new features could be plugged in with minimal rewrites.</li><li>Designed and implemented <b>core design patterns</b>: Repository (abstracted API/DB/cache), Factory (consistent object creation), Adapter (integrated external APIs), and Observer/State (Bloc &amp; streams) for improving maintainability and reusability across modules.</li><li>Developed <b>independent feature modules</b> (energy monitoring, alerts, reporting) with decoupled APIs, reducing interdependencies and enabling parallel development.</li><li>Integrated <b>Dio interceptors</b> for token refresh, retries, and logging; wrapped responses with Result for unified error handling; achieved <b>30% fewer API-related crashes</b>.</li><li>Leveraged <b>singleton services</b> (logging, config, secure storage, database) while keeping business logic independent for better testability.</li><li>Optimised concurrency using <b>Isolates</b> for heavy computations and real-time event queues for energy status updates, improving app responsiveness by ~25%.</li><li>Implemented <b>secure authentication</b> (JWT/OAuth2), encrypted storage, and obfuscation, ensuring compliance with enterprise-grade security practices.</li><li>Enhanced scalability with <b>centralised theming, localisation, and analytics hooks</b>.</li></ul>	Bangalore
2023/12 – 2024/10	<b>Neel-Tech International Pvt. Ltd, FLUTTER DEVELOPER</b>  <ul style="list-style-type: none"><li>Engineered and maintained multiple app features, including new functionality for existing apps, app performance optimisations, and client-requested enhancements.</li><li>Spearheaded feature development and end-to-end deployment processes for App Store and Play Store; managed version control, and app release coordination.</li><li>Collaborated closely with architects and back-end teams to design modular and scalable solutions; ensured smooth integration with APIs and third-party services.</li><li>Participated in client calls to gather requirements, provide updates, and deliver timely solutions aligned with business goals.</li></ul>	Bangalore, India
2022/11 – 2023/11	<b>ZOOOPER TECHNOLOGIES PRIVET LIMITED,</b> <i>ASSOCIATE SOFTWARE DEVELOPER</i>  <b>Zoooper Customer App – Employee Transportation Services</b> <ul style="list-style-type: none"><li>Engineered a mobile app for employee transportation, implementing <b>JWT Authentication, Dio API services</b>, and <b>Provider state management</b> for scalable and secure functionality.</li></ul>	PUNE, INDIA

- Integrated **Firestore** and **Push Notifications** to monitor app health and engage users effectively.
- Built **Google Maps** integration with **live driver location tracking**, enabling real-time updates and route visibility.
- Collaborated with the **PHP backend** team to ensure seamless data flow and app stability.


#### Zooper IPT – Public Transportation App

- Developed a government-focused public transport application, which advanced to the **final round of the India Smart Cities Conclave 2023**.

## PROJECTS

2022/09 – 2022/11

### Playground Booking Application(Near Turf)

- Developed a sports turf booking application with **secure user authentication** using email and password.
- Implemented **Dio interceptors** with refresh token handling for seamless API communication.
- Integrated **current location access** and displayed nearby turf details for user convenience.
- Enabled users to view **available and reserved slots**, and **book multiple slots** efficiently.
- Integrated **Razorpay** for secure in-app payments.
- Built with **Flutter frontend** and **Node.js backend**; deployed on **Heroku**.
- Integrated APIs and services including **Razorpay**, **Twilio**, and **Nodemailer** for payments, notifications, and emails.
- Managed **version control** using Git and GitHub.
- Optimized app performance using packages: **provider**, **Dio**, **shared\_preferences**, **shimmer**, and **razorpay**.
- GitHub repository: <https://github.com/harshadok/Near-Turf> 

#### Technologies Used:

- **Frontend:** Flutter
- **Backend:** Node.js
- **API & Services:** Razorpay, Twilio, Nodemailer
- **Deployment:** Heroku
- **Version Control:** Git, GitHub

### Money Management Application

This application helps add users' daily transactions, and users can also check their monthly statistics. user can categorize their income and expenses.

#### Packages Used:

- **shared\_preferences**
- **shimmer**
- **Hive**
- Playstore: <https://play.google.com/store/apps/details?id=com.fouvty.grasshopper>
- GitHub: [https://github.com/harshadok/Grasshopper\\_money\\_assistant](https://github.com/harshadok/Grasshopper_money_assistant)

## EDUCATION

2022/02 – 2022/11

**Brototype,Kinfra, Flutter Developer Trainee**

Calicut

#### Concepts Covered:

Flutter, Dart, Html, Css, Data strucure

2018 – 2021

**Safi institute of advanced studies,vayour, Malappuram,**  
**BA Computer Application with Islamic Finance**

Malappuram, India

## CERTIFICATES

**Avodha Excel** 

Avodha

**Neural Network course** 

Great Learning

## COURSES

2024/05 – present

**DSA& System design, Hey Coatch** 

Benagloru

Learend Upskilling and fine tuning their DSA and System Design concepts.

**Excel, Microsoft Office, Avodha**