

## Rohan R. Kadam

Mobile App Developer

Pune, Maharashtra, India

### WORK EXPERIENCE

**Team Lead, MultiGensys** – July 2025 - Current - Pune, India

**Client: MakSoftBox**

#### **Project: MaksoftBox – Real Estate CRM and DMS Platform**

##### **Project Overview:**

MaksoftBox is an end-to-end Real Estate CRM and Document Management System tailored for small, medium, and enterprise-level organizations. The application streamlines pre-sales and post-sales processes, manages token and booking events, and facilitates document handling for all stakeholders – including internal teams, channel partners, and end customers.

##### **CRM & Booking System Development:**

Developed and integrated core CRM modules to manage leads, tokens, property bookings, and customer interactions. Enabled efficient tracking and assignment of leads across Telecallers, Sales, and Post-Sales teams.

##### **Token & Event Management:**

Built a seamless token issuance and booking event system to automate slot management and ensure real-time updates to stakeholders. Integrated dynamic booking workflows for property showcases and customer onboarding events.

##### **Document Management System (DMS):**

Implemented a robust document management feature allowing secure upload, organization, sharing, and verification of documents by both employees and customers. Ensured document traceability and audit logs for compliance and transparency.

##### **Cross-Platform App Development:**

Used Flutter to build a responsive and intuitive cross-platform mobile application accessible to all user roles (employees, channel partners, and customers). Prioritized usability and modularity for rapid onboarding and effective user journeys.

##### **Authentication & Real-Time Updates:**

Leveraged Firebase for real-time data synchronization, secure authentication, and cloud storage. Integrated Firebase Authentication, Firestore, and Cloud Messaging to enable seamless user experiences and communication flows.

##### **Key Responsibilities:**

- Designed and developed core application modules using **Flutter** and **Firebase**.
- Implemented real-time database syncing and user-role based UI rendering.
- Created intuitive user flows for token booking, property selection, and document submission.
- Integrated role-based access control and secure authentication mechanisms.
- Facilitated deployment and monitoring using Firebase Console and analytics.

#### **Technology Stack:**

Flutter, Dart, Firebase (Authentication, Firestore, Cloud Storage, FCM), REST API

#### **Client: AgroBEET**

### **Project: AgroBEET – Smart Farm Accounting & Crop Profitability Analyzer**

#### **Project Overview:**

AgroBEET is a user-centric mobile application designed to empower farmers with simplified, automated farm accounting. By enabling crop-specific income and expense tracking, AgroBEET helps farmers make data-driven decisions and maximize profitability. The app transforms traditional farming into a measurable and profitable business through real-time financial insights and seasonal performance analysis.

#### **Farm Accounting Automation:**

Developed a one-click farm account setup system, making it effortless for farmers to start managing their financial records. Each farm account can be personalized to track overall activity or be split across multiple crops for detailed analysis.

#### **Crop-Wise Income & Expense Tracking:**

Implemented functionality to create and manage separate accounts for each crop, allowing users to record expenses (seeds, fertilizers, labor, etc.) and income (harvest sales, subsidies) individually. This granular data helps farmers evaluate the profitability of each crop.

#### **Custom Category Management:**

Built a flexible system for categorizing farming transactions — both income and expenses — into custom-defined categories. This ensures complete adaptability to different types of farms and accounting preferences.

#### **Profitability Reports & Decision Support:**

Integrated reporting and analytics tools to generate seasonal reports, crop-wise balance sheets, and profit-loss summaries. These insights assist farmers in selecting the most profitable crops for future seasons based on historical data.

#### **Pocket-Sized Farming Ledger:**

Optimized the mobile experience to act as a full-featured farm ledger system. The data is stored securely and privately, giving users full control over their financial records while simplifying the overall management of farm operations.

## Cross-Platform Development

Using **Flutter**, the app is available on both Android and iOS platforms with a consistent and responsive UI/UX.

### Key Responsibilities:

- Designed and developed the complete mobile application using **Flutter**.
- Integrated **Firebase** for secure data storage, authentication, and real-time sync.
- Implemented modules for dynamic category creation, income-expense entry, and crop-wise ledger management.
- Built data visualization tools and reporting modules to highlight profitability and performance.
- Ensured intuitive UI/UX design to accommodate non-technical users like farmers.

### Technology Stack:

Flutter, Dart, Firebase (Authentication, Firestore, Cloud Functions, Cloud Storage), REST API

### Client: BrickLedger

## Project: BrickLedger – Construction Finance & Bookkeeping App

### Project Overview:

BrickLedger is a purpose-built mobile application designed for contractors, construction companies, and individual builders to simplify the management of site-specific finances. The application enables effortless tracking of income, expenses, receipts, and invoices, all while providing multi-currency support and real-time cloud synchronization. With its intuitive user interface and powerful reporting tools, BrickLedger transforms traditional construction bookkeeping into a streamlined, digital experience.

### Site-Specific Bookkeeping:

Implemented individual financial ledgers for each construction site, allowing users to track project-based income and expenses accurately. This ensures transparency and better cost control across multiple active projects.

### Smart Transaction Management:

Enabled quick transaction logging with minimal input effort, allowing users to add income or expense records in seconds. Integrated tagging and category options for better classification and filtering.

### Invoice and Receipt Management:

Developed secure document storage features for uploading and organizing all financial documents, including receipts, vendor bills, and invoices. This eliminates paperwork and centralizes all financial data.

**Multi-Currency Accounting:**

Integrated support for tracking transactions in multiple currencies, making it ideal for users operating across different regions or managing suppliers in various markets.

**Real-Time Cloud Sync & Access:**

Used Firebase to enable cloud-based backup and multi-device synchronization. Users can access their data anytime, anywhere, and ensure continuity and reliability even during device changes.

**Comprehensive Financial Reports:**

Generated detailed financial reports for each project/site to offer insights into profit margins, spending trends, and overall financial health. This data aids in better budgeting and planning for future projects.

**Cross-Platform Development**

Using **Flutter**, the app is available on both Android and iOS platforms with a consistent and responsive UI/UX.

**Key Responsibilities:**

- Led the mobile application development using **Flutter**, ensuring cross-platform compatibility.
- Integrated **Firebase** services including Authentication, Firestore, and Cloud Storage for backend operations.
- Built modules for site management, income/expense logging, document upload, and report generation.
- Ensured secure login and data encryption for user data protection.
- Designed an intuitive UI for construction professionals and business owners with no accounting background.

**Technology Stack:**

Flutter, Dart, Firebase (Authentication, Firestore, Cloud Storage, Functions), REST API

**Client: AgroBEET****Project: AgroBEET Agent Network****Project Overview**

The **AgroBEET Agent Network** is a full-featured mobile application enabling agents to seamlessly engage in agricultural trade with farmers and traders. The app facilitates communication, post creation, interest handling, bidding, deal confirmation, and order

management. With real-time interactions and digital financial handling, it simplifies and structures agri-trade operations in rural and semi-urban markets.

## Core Functionalities

### Agent-Centric Post and Deal Management

Agents can post buy or sell requirements visible to all other registered agents. These posts act as live leads where interested agents can participate based on matching needs.

### Interest and Bidding System

Agents show interest in available posts and submit bids. The original poster can approve a selected bid, converting the interest into a **confirmed deal**. This ensures dynamic engagement and competition for better trade outcomes.

### Order Lifecycle Management

Once a deal is finalized, an **order** is automatically created comprising:

- **Expenses:** Logs operational costs like logistics, packaging, and labor.
- **Purchase:** Records crop procurement details from the farmer.
- **Sell:** Captures sale details with trader info, revenue, and margin.

### Real-Time Communication via Agora

Integrated **Agora SDK** enables high-quality real-time voice/video calls, improving trust and enabling direct negotiations during the bidding process.

### Razorpay Integration for Bid Deposits

To ensure commitment from participating agents during bidding, a **bid deposit system** has been implemented.

- Agents are required to **pay a deposit via Razorpay** before entering the bid room.
- This adds seriousness to the process and helps filter out inactive or unverified participants.

### Multi-User Role Integration

Supports three primary user roles:

- **Agents** (facilitators)
  - **Farmers** (product sellers)
  - **Traders** (product buyers)
- Each role has specific dashboards and flows tailored to their interaction and data needs.

### Cross-Platform Development

Using **Flutter**, the app is available on both Android and iOS platforms with a consistent and responsive UI/UX.

## Key Responsibilities

- End-to-end mobile application development using **Flutter**.
- Integrated **Agora SDK** for real-time communication.
- Implemented post creation, interest submission, bid approval, and deal workflow.
- Developed dynamic **order modules** with expense, purchase, and sell tracking.
- Integrated **Razorpay** for secure and seamless **bid deposit payments**.
- Enabled multi-role login with tailored user experiences for agents, farmers, and traders.
- Ensured real-time sync and secure data handling with **Firebase** services.

## Technology Stack

Flutter, Dart, Firebase (Authentication, Firestore, Cloud Functions), Agora SDK, **Razorpay Payment Gateway**, REST API

## Mobile App Developer, MultiGenesys Software Private Limited – April/2021 – Present – Pune, India (On-site)

MultiGenesys is a forward-thinking software solutions company offering scalable and innovative digital products. As a Mobile App Developer, I am responsible for designing and building cross-platform applications using Flutter and Firebase, transforming business processes into efficient, user-friendly mobile experiences. I work closely with product owners, backend developers, and UI/UX designers to deliver high-performance mobile solutions tailored for a wide range of industries including Real Estate, Agriculture, Bookkeeping, and Communication Platforms.

### Key Contributions:

- Developed and deployed production-grade mobile apps such as **MdocBOX (CRM & DMS)**, **AgroBEET (Farm Accounting)**, **BrickLedger (Construction Bookkeeping)**, and **AgroBEET Agent Network (Agri-Commerce & Bidding)**.
- Integrated third-party SDKs such as **Agora** (for real-time calls) and **Razorpay** (for secure bid deposit payments).
- Worked extensively with **Firebase** for authentication, data storage (Firestore), messaging, and cloud functions.
- Delivered consistent **Android and iOS** builds using Flutter, ensuring responsive UI, real-time sync, and secure interactions.
- Implemented multi-role user systems, complex data flows, and modular feature architectures.
- Focused on app optimization, intuitive UI/UX, and robust error handling for scalable app performance.

## EDUCATION AND CERTIFICATES

2020 **Bachelor Of Computer Application**, Solapur University

## TECHNICAL SKILLS

(5+ years): Flutter, Dart, Firebase, HTML5, CSS3, Angular, Ionic, Capacitor, React, Tailwind

(studying): Kotlin