



KADAL x Grubwala

Position Overview

- **Role:** Lead Full Stack App Developer / Deputy CTO
- **Package:** ₹12-15 LPA CTC + Equity
- **Eligibility:** BTech, MTech (all branches), MCA; graduates & 2025 graduates(6-month internship leading to full-time, on-site)
- **Location:** Full-time, in-office at Andheri, Mumbai.

Client Overview: Grubwala



Grubwala is a curated food delivery app in Mumbai that connects customers with skilled home chefs and compact kitchens, offering a variety of authentic home-cooked meals. Established in response to the COVID-19 crisis, Grubwala is dedicated to empowering women by providing a platform for them to earn an income through their culinary talents. The app emphasizes quality by using fresh ingredients, offers personalized meal plans to suit dietary preferences, and ensures efficient, reliable delivery.

- AIC incubated startup.
- Grubwala LinkedIn: <https://www.linkedin.com/company/grubwala/?originalSubdomain=in>
- Grubwala Website: <https://www.grubwala.in/>

Deputy CTO Assignment

Project Description:

At Grubwala, we're searching for a Lead Full-stack Developer cum **Deputy CTO** to lead the development of a new, scalable version of our mobile app. This project will involve building a **MVP** in **React Native** that replicates essential features of our current app while improving UI/UX and laying the foundation for future growth. The candidate will be primarily evaluated on **app architecture, system design, business acumen, and leadership potential**.

Project Timeline:

- 21/10/24 - Project Starts
- 03/11/24 - Mid Project Review
- 17/11/24 - Final Submission

Project Objective: Food Delivery App MVP

The goal is to develop a minimum viable product (MVP) for a food delivery platform, focusing on four stakeholders: **Customer, Vendor, Delivery Person, and Admin**. The system will automate order processing and tracking, with real-time updates and error handling. Key judgment criteria will be **scalability** and **architecture**.

Key Stakeholders & Features:

1. Customer:

- Browse offerings from multiple vendors.
- Place orders and track them in real time.

2. Vendor:

- Dashboard to manage orders.

- Accept or deny orders, triggering automated signals to the nearest available delivery person.

3. **Delivery Person:**

- Receive order assignments based on proximity.
- Accept or reject the order. If rejected, the system automatically assigns it to the next nearest delivery person.

4. **Admin:**

- Master dashboard to oversee all activities (customer orders, vendor updates, delivery assignments).
- Ability to override any actions, including deleting, updating, or reassigning orders.

Core Requirements

- **Architecture & Scalability:**

The MVP must be built with a **scalable architecture** to accommodate future features, growing user bases, and data volumes. The focus is on **system design** that supports high scalability while maintaining performance.

- **Real-Time Updates & Automation:**

Automated signals should pass seamlessly between stakeholders (vendors to delivery personnel), ensuring quick order handling and a smooth flow of updates.

- **Error Handling:**

Exception handling and error reporting must be integrated to maintain app stability in case of disruptions.

- **UI/UX:**

Clean and user-friendly design for all stakeholders, ensuring easy navigation and functionality. The design should be intuitive yet scalable for future enhancements.

Leadership & Business Acumen

As Deputy CTO, the candidate will also be evaluated on **team-building capabilities**. The candidate must demonstrate strong **business understanding** and the ability to align technology solutions with Grubwala's goals.

Final Deliverables:

- **Functional MVP:**
 - Core features (login, order processing, real-time updates) operational for all four stakeholders.
 - Clean UI/UX design implemented in **React Native**.
 - Replicating the offerings and functionalities of the current Grubwala app with the flexibility of executing novelty ideas and ui improvements by the discretion of the candidate.
- **Scalability Roadmap:**
 - Detailed plan outlining how the app can evolve to support additional features, more users, and larger data volumes.
- **Architecture Documentation:**
 - System design and architecture documents detailing key decisions made for scalability and future growth.

Evaluation Criteria:

- **App Architecture & Scalability:** Clear, future-proof system design.
- **Business Acumen:** Ability to propose innovative features and align tech solutions with business goals.
- **Leadership:** Strategy for building and managing a development team.
- **Execution:** Delivery of an MVP that demonstrates core functionalities with clean UI/UX and real-time updates.



About KADAL

KADAL is a dynamic startup founded with the vision of bridging the gap between college students and the professional world. By crowdsourcing entry-level work from students and providing them with industry experience, training, and job opportunities, KADAL accelerates the growth of both startups and budding professionals.

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