



# Raj Kumar Timal sina

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## Technical Skills

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**Languages:** Dart, JavaScript

**Frameworks & libraries:** Flutter, Node.js, Express.js

**Databases:** MongoDB, Firebase (Firestore, Realtime Database)

**Development Tools:** Git, GitHub, Postman, VS Code, Android Studio

**Other Skills:** State Management (Provider, Riverpod), REST API Development, Authentication (JWT, Firebase Auth), Real-time Data Sync, Cross-Platform Development

## Projects

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### Hostel Management System

Academic Project | Flutter, Node.js, Express.js, MongoDB, Provider

June 2025 – July 2025

- Developed a comprehensive hostel management application with **role-based access control** for **students, staff, and admins** featuring **room availability management, an issue tracking system, and a request processing workflow.**
- Built **RESTful APIs** using **Node.js and Express.js** with **MongoDB Atlas** and **Mongoose** for **user authentication, room management, issue resolution tracking, and staff assignment functionality.**
- Implemented **Provider state management, GoRouter navigation, and Shared Preferences** for **local data persistence** with intuitive interfaces for different user roles and seamless request management.

### Job Portal Application

Academic Project | Flutter, Node.js, MongoDB, Provider

January 2025 – March 2025

- Developed a comprehensive job search and recruitment platform with features including **browsing job listings by categories and locations, direct job applications, saving favorite listings, and real-time notifications** for new job openings.
- Built scalable **backend architecture** using **Node.js and MongoDB** to handle **user profiles, job listings, and application tracking.**
- Implemented a **user-friendly interface** with **Provider state management** for a seamless job browsing experience and integrated **push notifications** for instant job alerts.

### Grocery Shopping Application

Academic Project | Flutter, Node.js, Provider, Get Storage

December 2024 – January 2025

- Built a comprehensive grocery shopping app with features including **browsing a wide range of grocery items, adding products to the cart, placing orders easily, and real-time order tracking** for a seamless shopping experience.
- Developed **backend APIs** using **Node.js and Express.js** with **MongoDB** for **user authentication, product management, and order processing** functionality.
- Implemented **Provider state management, Shared Preferences** for **local data storage, and a user-friendly interface** with **real-time order synchronization.**

### Full Stack Food Delivery Application

Academic Project | Flutter, Node.js, Express.js, MongoDB, Firebase

August 2024 – December 2024

- Developed a comprehensive food delivery platform with features including **browse/order food items, search and filter options, user authentication with cart management, and a secure checkout process.**
- Built robust **backend APIs** using **Node.js and Express.js** with **MongoDB** for handling **user management, order processing, ratings/reviews system, and discount/promo code functionality.**
- Implemented **real-time order tracking, push notifications, and Firebase integration** for seamless user experience across the complete food ordering workflow.

## Education

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Birendra Multiple Campus | Tribhuvan University

2022 – Present

Bachelor of Science in Computer Science and Information Technology

Bharatpur, Chitwan