



EPTIQ

# OKBIKES

It is a bike rental system.

- Rishi & Prathmesh



# INTRODUCTION TO OKBIKES

The OkBikes is a comprehensive web application designed to streamline bike rentals by providing a seamless and efficient platform for both users and administrators.

## Key Features of OkBikes ??

**Filters**

Transmission Type

☐ Gear

☐ Gearless

Fuel Type


☐ Petrol

☐ Cng

☐ Electric

Location

All



Bajaj Freedom

Year: 2020

Available at

Kothrud

Price: ₹299 / day

**User-Friendly Web App - Browse, book, and rent bikes with ease.**

1. ✓ **Secure Authentication - OTP verification and encrypted login.**
2. ✓ **Real-Time Bike Availability - Interactive map and list-based search.**
3. ✓ **QR Code Unlocking - Contactless bike access for a smooth experience.**
4. ✓ **Multiple Pricing Plans - Hourly, daily rentals, and subscription options.**
5. ✓ **GPS Tracking & Navigation - Ensures security and optimized route planning.**
6. ✓ **Automated Billing & Digital Invoices - Transparent pricing with instant receipts.**
7. ✓ **Admin Dashboard - Tracks bookings, transactions, and maintenance logs.**

# BIKE-FRIENDLY INFRASTRUCTURE



## 1

### Bike Search

The Bike Search Functionality allows users to search for bikes based on specific criteria such as brand, model, price range, engine capacity, fuel type, and availability. This feature can be implemented in a web or mobile application using a frontend search interface and a backend API that retrieves relevant results from a database, separated from vehicular traffic.

## 2

### Rental Packages

The Bike Rental Packages feature allows users to rent bikes for different durations with predefined pricing and terms. Customers can choose from flexible rental plans based on their requirements, whether for short-term city travel or long-term touring.

## Why OkBikes?

**Filters**

Transmission Type

☐ Gear

☐ Gearless

Fuel Type


☐ Petrol

☐ Cng

☐ Electric

Location

All



Bajaj Freedom

Year: 2020

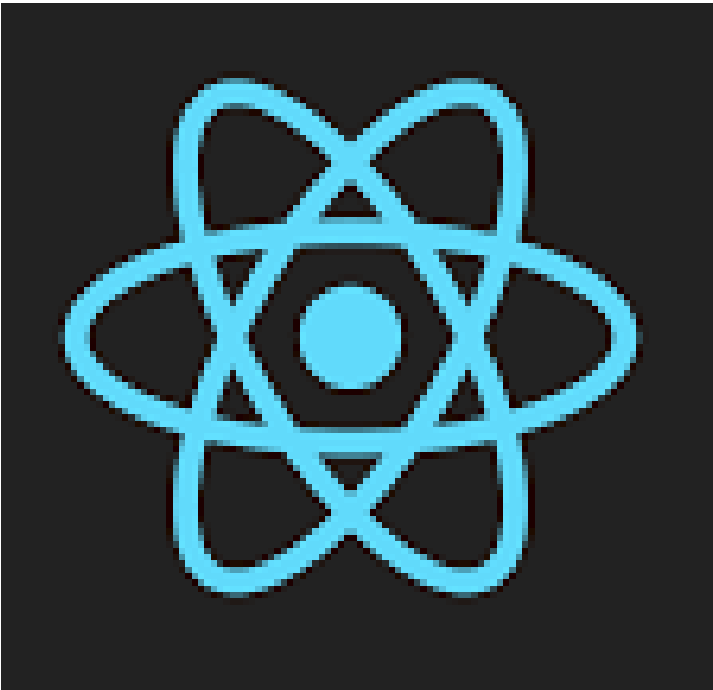
Available at

Kothrud

Price: ₹299 / day

- **Instant Online Booking:** Users can reserve bikes via the web app anytime, anywhere.
- **Multiple Payment Options:** Supports Razorpay
- **GPS-Enabled Tracking:** Ensures easy bike discovery and theft prevention.
- **Automated Admin Panel:** Manages inventory, payments, and maintenance seamlessly.

Component	Technology
Frontend	React.js, Tailwind CSS
Backend	Spring Boot, RESTful APIs
Database	MySQL
Security	JWT Authentication, OAuth
Hosting	Hostinger VPS with CyberPanel
Payment Gateways	Razorpay, PayPal, Stripe
Tracking & Navigation	Google Maps API, GPS



Rentals In

THANK YOU



THANKYOU