

# Rajesh Khadka

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## EXPERIENCE

### Full Stack Developer

Sep 2021 - Oct 2023

*Suryaghat Library*

*Remote*

- Built a fullstack web app for accessing digital resources (PDFs, images, videos, audio).
- Implemented a search mechanism that improved content discovery speed by 70%.
- Developed role-based access control for Super Admin, Admin, and Users.

### Deltathon 3.0 2023

Mar 2023

*Purwanchal Engineering Collage, IOE*

*Dharan, Nepal*

- Participated in the National Level Hackathon.
- Built a full-stack mobile application during the hackathon Period.

## PROJECTS

### AI Based KYC Verification | *MERN, Gemini Vision API, Face API.js*

[GitHub](#)

- Automated KYC verification, reducing manual effort by 90% with real-time face comparison and document verification.
- Extracted document details using Gemini Vision API for accurate identity verification.
- Integrated Face API.js and Face Recognition models for precise facial matching.

### Apexa - The Analyzer | *MERN, MindsDB, Linode*

[GitHub](#)

- Built an AI-powered fullstack web app for real-time analysis of YouTube comments.
- Automated article and video summarization, reducing manual work by 90%.
- Integrated MindsDB for sentiment analysis and deployed on Linode virtual machines for scalability.

### Code Collabroration Tool | *Socket io, MERN, Redis, code mirror*

[GitHub](#)

- Developed a real-time code collaboration tool with simultaneous multi-user editing.
- Utilized Redis for efficient caching and real-time data management.
- Implemented user authentication and socket connections for secure code syncing and snippet storage.

### Mero Room - Room Rental App | *React Native, Expo, Firebase*

[GitHub](#)

- Built a mobile app to streamline room rental search and connect room owners with seekers.
- Integrated Firebase for real-time data management and user authentication.
- Enabled location-based room search, simplifying the rental process for users.

## ACHIEVEMENTS

### Runner up in Hashnode Hackathon

Jan 2024

*Hashnode and Mindsdb*

*Remote*

- Secured a runner up position among 60+ projects.
- Built and deployed fullstack web application in limited time.

### Runner up in notJust Dev Hackathon

April 2022

*notJust Dev*

*Remote*

- Secured a runner up position among 40+ projects.
- Developed a mobile application to solve a real-world problem of room rentals.

## TECHNICAL SKILLS

**Languages:** JavaScript, HTML/CSS

**Frameworks:** React, React Native Node.js, Express.js, Material UI, Shadcn UI

**Database:** MongoDB, MySQL, Redis

**Developer Tools:** Git, VS Code

**Backend Services:** Firebase, Appwrite