

Rajesh Khadka

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EXPERIENCE

Full Stack Developer <i>Suryaghat Library</i>	Sep 2021 - Oct 2023	Remote
Deltathon 3.0 2023 <i>Purwanchal Engineering Collage, IOE</i>	Mar 2023	<i>Dharan, Nepal</i>

- 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.

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

PROJECTS

AI Based KYC Verification <i>MERN, Gemini Vision API, Face API.js</i>	GitHub
<ul style="list-style-type: none">• 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 <i>MERN, MindsDB, Linode</i>	GitHub
<ul style="list-style-type: none">• 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 Collaboration Tool <i>Socket io, MERN, Redis, code mirror</i>	GitHub
<ul style="list-style-type: none">• 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 <i>React Native, Expo, Firebase</i>	GitHub
<ul style="list-style-type: none">• 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 <i>Hashnode and Mindsdb</i>	Jan 2024
<ul style="list-style-type: none">• Secured a runner up position among 60+ projects.• Built and deployed fullstack web application in limited time.	Remote
Runner up in notJust Dev Hackathon <i>notJust Dev</i>	April 2022
<ul style="list-style-type: none">• Secured a runner up position among 40+ projects.• Developed a mobile application to solve a real-world problem of room rentals.	Remote

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