

# AKASH KUMAR

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## EXPERIENCE

### Freelance

August 2023 – May 2024

Web Developer

Guna, Madhya Pradesh, India

- Wrote frontend and backend integrating different Frameworks and APIs utilizing multiple tools including MERN stack.
- Developed scalable web apps for Small Scale Businesses.

## TECHNICAL SKILLS

**Languages:** C/C++, Java, Python, JavaScript

**Libraries/Frameworks:** ReactJS, NodeJS, ExpressJS, Flask

**Tools/Platforms:** AWS, Git, GitHub, Docker, Firebase

**Database:** MySQL, SQLite, MongoDB

## PROJECTS

**EventWhiz** | NextJS, TypeScript, NodeJS, TailwindCSS | GitHub

December 2023

- A cutting-edge events management application termed as EventWhiz serves as a robust platform for organizing and promoting events globally.
- Built on Next.js 14, Leveraging a sophisticated tech stack including Node.js, TypeScript, and TailwindCSS, EventWhiz offers a seamless user experience from authentication to event management.
- Allowing users to effortlessly create, read, update, and delete events with full control and flexibility.
- The application offers seamless event ticketing with integrated payment processing through Stripe.
- Utilized technologies such as TailwindCSS, React Hook Form, and Zod for efficient UI/UX design and data validation.

**UrbanNook** | MongoDB, ExpressJS, React, NodeJS, Redux, Firebase | GitHub

February 2024

- Led the development of UrbanNook, a modern real estate marketplace leveraging the dynamic MERN stack, fortified with robust JWT authentication and Redux Toolkit integration.
- Spearheaded the implementation of cutting-edge authentication methodologies, including JWT, Firebase, and Google OAuth, ensuring ironclad security and a seamless user experience.
- Pioneered real-world CRUD operations with MongoDB, empowering users to effortlessly manage property listings with create, read, update, and delete functionalities.

**TranscripTrek** | Python, HTML, CSS, JavaScript, Flask, YouTube API | GitHub

September 2023

- Web application that leverages YouTube captions to automatically generate concise and informative textual summaries of YouTube videos.
- This project combines cutting-edge technology with user-friendly design, making it a powerful tool for content creators, researchers, and anyone seeking to quickly understand the essence of a video's content without watching it in full.
- Leveraging the YouTube transcript API, TranscripTrek retrieves the transcript of the selected video, which is then processed by a machine learning model for summarization.

**Bus Booking System** | Python, MySQL | GitHub

December 2022

- A dynamic bus ticket booking application using Python's Tkinter framework, delivering a seamless user experience for travelers.
- Furthermore, to enhance data management and scalability, we integrated MySQL database implementation, enabling efficient storage and retrieval of booking information.

## EDUCATION

**Jaypee University of Engineering and Technology**

November 2021 – April 2025

Bachelor's of Technology in Computer Science

Guna, Madhya Pradesh, India

CGPA: 7.6