

# Kunal Mathur

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## EDUCATION

**Vellore Institute of Technology, Bhopal**

B.Tech - Computer Science

**Bhopal, Madhya Pradesh**

*Graduation Date: 2025*

## PROJECT EXPERIENCE

### BookBuddy Chatbot

*Personal*

- Implemented a customer support chatbot with features such as real-time streamed responses, optimistic updates for enhanced user experience, secured and rate-limited API routes to prevent abuse, all built with TypeScript.
- The project also leverages TailwindCSS for styling, icons from Lucide, class merging with tailwind-merge, and conditional classes with clsx.

### Scalable Chat-App

*Personal*

- Made a Redis PubSub architecture for scalable web sockets.
- Integrated Kafka for efficient data streaming and event-driven communication.
- Utilised PostgreSQL as a reliable and scalable database backend.

### Zenith-Unsplash Clone

*Personal*

- Created a responsive Unsplash clone with an infinite scroll feature, providing users with an immersive and seamless browsing experience similar to the popular image-sharing platform.
- Implemented an infinite scroll feature to dynamically load and display images as the user scrolls down the page, enhancing user engagement and minimizing loading times.
- Ensured a responsive layout that adapts to various screen sizes and devices, allowing users to enjoy the Unsplash clone seamlessly on desktops, tablets, and mobile devices.

### Pokédex

*Personal*

- Made a Pokedex with an infinite scroll feature, providing users with name and images of all pokemon available in the original pokedex using API.
- Created an infinite scroll feature to dynamically load and display pokemon as the user scrolls down the page, enhancing user engagement and minimizing loading times.
- Ensured a responsive layout that adapts to various screen sizes and devices.

## LEADERSHIP EXPERIENCE

### The Lantern Tribe

New Delhi

*Content Writer Internship*

*Jan 2023 - Feb 2023*

- Completed a dynamic internship where I sharpened my editorial skills, ensuring the delivery of polished and error-free articles.
- Produced well-researched and original content across various platforms, consistently meeting or exceeding quality standards.

## SKILLS & INTERESTS

**Skills:** HTML/CSS, JavaScript, React, NextJS, Tailwind, Java, NodeJS, Prisma, Redis, Kafka, PostgreSQL

**Interests:** Cricket, Football, Tennis, Gym.