

Khush Joshi

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Technical Skills

Languages: Javascript, TypeScript, Python, C++
Frontend: React.js, Nextjs, Redux
Backend : Node.js, Express.js, GraphQL, WebSocket, WebRTC, Selenium
Database: MySql, MongoDB, PostgreSQL, Redis
DevOps: Docker
Data Manipulation and Analysis: NumPy, Pandas

Experience

Instruments Research and Development Establishment 1/8/2021 – 15/9/2021

Intern Dehradun, Uttarakhand

- Acquired practical skills through dedicated internship in computer vision and image processing
- Developed a live webcam-based face recognition attendance system with 95% accuracy in face detection and 82% accuracy in face recognition

KNOCIAL INDIA LIMITED 18/7/2023 – 27/10/2023

Trainee Gurugram, Haryana

- Attained a high level of proficiency in frontend technologies through practical application, encompassing CSS, TypeScript, React, and Next.js
- Successfully executed assigned tasks, showcasing a robust understanding and practical implementation of frontend technologies

Projects

MatchBook | Nextjs, Node.js, Typescript, Python, Express.js, Beautiful Soup, MongoDB

- The primary goal of this web app is to match individuals' personalities with literature genres and specific books
- Employed Python, Beautiful Soup, and Pandas for web scraping on Amazon.in. Executed the 'difference of vectors' algorithm to decrease book matching time by 30%
- Link : <https://match-book.vercel.app/>

KApp | Nextjs, Express.js, Typescript, OpenAI Apis, Replicate AI APIs

- The application responds to client requests by utilizing AI models to generate music, code, and videos. This cutting-edge app seamlessly leverages artificial intelligence to deliver tailored results
- Leveraged the Edge runtime, leading to a 40% enhancement in the backend response time
- Link : <https://k-app-git-main-khushj007.vercel.app>

KVideoChat | React, Node.js, WebSocket, WebRTC

- Application engineered to facilitate seamless communication. This platform harnesses the power of WebRTC and Socket.IO for real-time interactions.
- KVideoChat utilizes React for a user-friendly frontend, and the Node.js backend guarantees efficient and reliable real-time communication capabilities
- Link : <https://k-video-chat-9rgi.vercel.app/>

KChat | React, Node.js, WebSocket

- The KChat application is a chat application that uses React for the front end, Node.js for the backend, and the WebSocket protocol to provide real-time communication between clients.
- Utilized Socket.IO to set up WebSocket, allowing full-duplex communication between the client and server
- Link : <https://kchatapplication.netlify.app/>

Education

GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY

B.Tech Information Technology (CGPA: 9.25/10.00)

2019-2023

New Delhi