

# Vipul Kumar

Software Engineer



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## SKILLS

Java

Javascript

TypeScript

HTML

CSS

ReactJS

Redux

NextJs

Bootstrap

Tailwind

NodeJS

ExpressJs

MongoDB

MySQL

API

REST

Git

XML

JSON

Figma

## LANGUAGES

Hindi

Native or Bilingual Proficiency

English

Professional Working Proficiency

## INTERESTS

Sketching

Gaming

Development

## WORK EXPERIENCE

### Software Engineer

Bhavna Corp

07/2022 - Present

Noida, India

Achievements/Tasks

- Collaborated with the client to **automate, digitize**, and streamline **supply chain** operations, resulting in a notable 15% reduction in order processing time.
- Established a system facilitating smooth **data exchange** among business partners through a **web-based** platform, employing standard formats used by over **100+** partners.
- Used React.js components to fetch Insite **database** data via **APIs**, employed **Node.js** for saving data to **JSON**, and integrated real-time data visualization in **React.js** for freight analysis.
- Also included functionality to convert documents to **UBDs**(Universal Business Document) using **XSLT**. For performing **CRUD** operations to manipulate document as per requirements.
- Provide real-time feedback to users regarding the status of EDI transactions, including acknowledgments, rejections, or errors based on **WebSockets**.
- Created **JavaScript** services utilizing **APIs** to fetch data from diverse sources. Specialized in managing Blob flows for **transactions**, PDF E-signature's leading to efficient & secure invoice.
- Constructed and implemented **REST APIs**, accessed by a diverse network of over **50+** partners.
- Recognized with **Awards 3 times** for outstanding contributions.

## PROJECTS

### Telype - WebApp for Text, Voice, and Video Communication

- Developed on **NextJs**, utilizing **Prisma** for database interactions, **MongoDB** for data storage, **Websocket** for real-time communication, and **Tailwind** for responsive UI design.
- Implemented real-time messaging with Edit and Delete functionalities, enabling seamless 1:1 and Group **Video, Voice**, and **Text** communication.
- Added member management for seamless user interactions. Designed a robust invitation system, including unique link generation and comprehensive server customization options.
- Integrated **Clerk** for secure user access, implementing robust authentication measures.

### Gamer-Paradise - Video Game Discovery Platform

- Developed using **ReactJs**, **Zustand** for state management, **React Query** for optimized data fetching, and **ChakraUI** for UI components. Unified **RAWG API** to seamlessly work with video games data.
- Facilitated efficient state management using **Zustand**. Utilized **React Query** for streamlined and effective data fetching.
- Utilized **RAWG API** for comprehensive access to video games data. Supported searching and sorting based on platforms, genres, and 5 other criteria.
- Incorporated Dark Mode functionality and Responsive Design to elevate the user experience .

### Educator.io - Teacher Data Management Portal

- Built using the **MERN** stack (**MongoDB, ExpressJs, ReactJs, NodeJs**), with database management and hosting on **MongoDB Atlas** for secure and robust data storage.
- Enabled seamless searching and retrieval of data for efficient information access. Incorporated user verification from the admin side to ensure **data integrity**. Applied **2-Step Authentication** for enhanced security.
- Designed the user interface using **Figma, React, and Style Components** for a modern and intuitive experience.
- Introduced 5 types data **sorting** based on various factors to enhance data organization. Ensured a secure system for updating teachers' data, prioritizing data accuracy and privacy.

## EDUCATION

### B.Tech (Computer Science Engineering)

Maharaja Agrasen Institute Of Technology, Delhi

08/2019 - 07/2022

8.5CGPA