

ABHIMANYU JANGID

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EDUCATION

Bachelor of Technology, Computer Science and Engineering 2021 - 2025
Rajasthan Technical University, Kota, Rajasthan
CGPA: **8.24/10**

Diploma in Computer Science 2020 - 2022
Government Polytechnic College, Neemrana, Rajasthan
Percentage: **77.22%**

SKILLS

Frontend Development: React, Next.js, Redux Toolkit, Zustand, TypeScript, Three.js, Tailwind CSS, Material-UI (MUI), ShadCN UI, Mantine UI, Magic UI

Backend Development: Node.js, Express.js, MongoDB, Socket.io, JWT, Bcrypt, NodeMailer, cloudinary, imagekit, AppWrite

Developer Tools: Git, Postman, Visual Studio Code (VS Code)

Additional Skills: API Integration, WebSocket Communication, Responsive Design, Unit Testing

EXPERIENCE

Software Developer Jun 2024 - Present
Designing Alley, Kota, Rajasthan (Remote)

Authentication Systems: Implemented secure authentication systems with **Node.js**, **JWT**, **Bcrypt**, and **Nodemailer**, increasing verification efficiency.

Real-Time Chat: Built real-time chat with **Socket.io**, improving communication and reducing latency.

3D Model Viewers: Developed 3D model viewers using **React**, **TypeScript**, **Three.js**, and **React Hooks**, improving performance and reducing rendering times.

Microservices Architecture: Designed and deployed a microservices architecture, enhancing scalability and optimizing resources.

FedEx API Integration: Integrated **FedEx APIs** for shipment creation, real-time tracking, and order management, streamlining logistics.

CMS Developer and Tester Intern May 2024 - Jul 2024
Infini Application, Mauritius

Unit Testing: Performed unit testing to detect and fix bugs, optimizing user experience.

Dynamic Rendering: Used **React.lazy** for dynamic rendering and performance improvements.

State Management: Simplified scalability by streamlining global and local state management.

PROJECTS

3D Model Printing Platform (In Development)

3D Printing System: Developed a complete business web for managing and customizing 3D printing services.

STL File Upload: Integrated STL file upload functionality with a 3D preview using the **Three.js** library.

State Management: Utilized **Redux Toolkit** for efficient state management across the platform.

Backend Optimization: Optimized backend performance using the **MongoDB aggregation pipeline** for faster data retrieval and processing.

Microservices Integration: Implemented microservices to integrate the **FedEx API**, improving delivery and shipping capabilities.

Backend For VITUBE[\(GitHub\)](#)

The backend efficiently manages authentication, media uploads, and user interactions, ensuring scalability and security. It leverages MongoDB's aggregation pipeline for high-performance data processing, including tasks like subscription count calculations.

Stackoverflow clone[\(GitHub\)](#) [\(Deploy\)](#)

This is a stackoverflow clone built with Next.js and Appwrite. It uses the Appwrite Node.js SDK to interact with the Appwrite API. The UI is built using Tailwind CSS and the magicui library and the database is stored in Appwrite.

Full-Stack Chat Application[\(GitHub\)](#) [\(Deploy\)](#)

Built a chat application using React, Redux, Node.js and Socket.io. Implemented JWT-based secure authentication and real-time messaging.

AWARDS	
First Rank in Diploma in Computer Science	2022
Achieved the highest academic rank for outstanding performance in Computer Science.	
Project Excellence Award	2023
Recognized for outstanding contributions and innovation in the "Vintage Pages" project.	