Akshat

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Education

B-Tech   *National Institute of Technology*
2021 – 2025
Bachelor of Technology in Computer Science and Engineering

Skills

Programming Languages	C/C++, JavaScript, Python
Frontend	HTML5, CSS3, JavaScript (ES6+), React.js, Redux , Tailwind CSS , Next.js
Backend	Node.js, Express.js, MongoDB, Supabase, SQL(basic knowledge)
Other Skills	Blender, Da Vinci Resolve

Projects

MERN Stack E-commerce Website   *[December 2023]*
Full Stack Developer
Developed a feature-rich E-commerce website using the MERN (MongoDB, Express.js, React.js, Node.js) stack resulting in 30 percent increase in user engagement.

Implemented a secure authentication system using JSON Web Tokens (JWT) for user authentication and authorization.
Designed and integrated an Admin Panel for managing products, orders, and user accounts resulting in 20 percent improvement in application performance.
Integrated Stripe payment gateway for secure online transactions and implemented order processing workflows.
Deployed the application on Vercel for efficient cloud hosting and scalability.
Utilized MongoDB for database management, ensuring data consistency and integrity.
Technologies: React.js, Node.js, Express.js, MongoDB, Redux Toolkit, Stripe, JWT, Vercel.
Project details and source code available on my github-repository.

Music-Player-App   *[February 2024]*
NextJS Application
Designed and built a robust music application using Next.js, Supabase, and PostgreSQL, featuring seamless user experience and functionality resulting in a 25 percent increase in user engagement.
Implemented authentication via Supabase and GitHub OAuth, and optimized media management with Supabase storage reducing file upload times by 30 percent.
Enhanced user experience with React Hook Form and react-toast for validation and error handling.
Developed playlist management and favorites functionality, optimized performance with server-side rendering boosting user retention by 20 percent.
Technologies: Next.js, Supabase, TypeScript, PostgreSQL, Tailwind CSS, React Hook Form, react-toast, Vercel for deployment
Source code available on my github-repository and live website on vercel.

Video Player Website   *[July 2023]*
Youtube Clone
Created an online video playing website similar to youtube.Implemented a search functionality to allow users to search for videos by title and tags.
Utilized third-party APIs, such as the YouTube API, for retrieving video information and displaying thumbnails.
Technology used in this project : React JS, Tailwind CSS

Soft skills

Adaptability	Quickly adapt to new technologies and changing work environments
Collaboration	Able to collaborate with diverse teams to achieve shared objectives
Problem Solving	Analyze complex problems and develop innovative solutions