

AKASH BABU S

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🌐 <https://github.com/Akash4693> Portfolio Website: <https://react-portfolio-omega-one.vercel.app/>

Profile Summary

Full Stack Developer with a proven record of designing robust, scalable web applications using the MERN stack to deliver seamless digital solutions, optimizing RESTful APIs, and architecting microservices with agile methodologies. Passionate about innovation and continuous learning and embracing new challenges, seeking continuous growth and improvement.

SKILLS

Languages & Frameworks: Javascript, Typescript, Express JS, Node JS, Next JS, HTML, CSS
Libraries: ReactJS, Redux, Zustand, Socket.io, Tanstack Query, ContextAPI, Bootstrap, TailwindCSS, ShadcnUI, Clerk, Material UI, Zod, Clerk, NextAuth, JWT
Databases: MongoDB, MySQL, PostgreSQL
Tools & Platforms: Git, GitHub, Vercel, AWS, Render, Netlify, Jest, Postman, Thunder client
Microservices: Docker, Kubernetes, Jenkins, Redis
Integrations: PayPal, Stripe, Cloudinary, Node mailer, Emailjs, Mailtrap, OAuth 2.0, Multer, Firebase, ZEGO Cloud
Concepts: MVC architecture, Clean architecture, SOLID Principles, Agile Methodologies

PROJECTS

Plura - Multivendor B2B2B SaaS Website Builder CRM 🔗

Tech used: Next JS, Typescript, React JS, MongoDB, ShadCN UI, Clerk
JWT, Tailwind CSS, CSS, HTML, Cloudinary, Stripe

- **Overview:** Developed a multi-vendor CRM with unlimited funnel hosting, role-based access, and agency/sub-account management. Built a drag-and-drop website & funnel builder for seamless sales funnel creation. Implemented a project management system with Kanban boards, task tracking, notifications, and funnel performance metrics. Built a custom state management solution for smooth data synchronization and real-time updates. Integrated Stripe Connect for subscriptions, add-ons, product sync, and automated revenue sharing. Implemented modern UI/UX for enhanced customer experience. Designed a custom branded Stripe checkout for a seamless payment experience. Created real-time analytics dashboards with agency insights and data visualization.
- **Key Features:** Multivendor B2B2B SaaS, Unlimited funnel hosting, Full Website & Funnel builder, Role-based Access Control, Stripe Subscription & Add-on products, Stripe Connect, Custom Dashboards & Analytics, Media Storage & notifications, Stripe Product Sync & Custom checkout funnels, Kanban board, Project management system, Funnel performance metrics, Graphs and charts, Modern UI/UX, Light & Dark mode, Functioning landing page
- **Git repo:** <https://github.com/Akash4693/plura>

TradeX - Multi Vendor E-commerce platform 🔗

Tech used: MongoDB, Express JS, React JS, Node JS,
Redux, Socket IO, Jest, Stripe, JWT, CSS, HTML,
Material UI, Cron, Node mailer, Cloudinary

- **Overview:** TradeX is a robust and scalable multivendor B2C e-commerce platform built with MongoDB, Express.js, React.js, and Node.js. Enabling secure real-time vendor-buyer communication via Socket.IO and seamless payments through Stripe. Advanced inventory and order management system with dynamic discount management. An intelligent search engine enhances product discovery, while JWT authentication and Cloudinary optimizes security and media handling. Integrated ratings and reviews to enhance credibility and customer engagement. Optimized performance through Vercel. Redux ensures efficient state management, and Jest reinforces platform stability with automated testing. The user experience is elevated with a modern Material UI design, while a data-driven admin dashboard provides real-time sales analytics, enabling informed business decisions.
- **Key Features:** Real-Time Vendor-Buyer Communication, Admin & User panel Secure Payment Processing, Inventory & Order Management, Dynamic Product Discovery & discount code generation, Optimized Media Handling, Reliable Testing & Stability, Admin Dashboard & Analytics
- **Git repo:** <https://github.com/Akash4693/TradeX-frontend>

Threads Clone - With Realtime chat feature

Tech used: Mongo DB, Express JS, React JS, Node JS

Chakra UI, JWT, Socket.io, Cron, Recoil, Cloudinary, ZEGO Cloud

- **Overview:** Developed a full-stack Threads clone using the MERN stack, showcasing expertise in real-time communication and scalable web applications. Implemented real-time messaging with Socket.io, live video calls, and screen sharing for seamless user interaction. Secured access with JWT authentication and optimized performance through Render deployment. This project highlights my ability to architect and deliver high-performance, real-time applications, adhering to best practices in security, scalability, and user experience.
- **Key Features:** Secure authentication, post management, user interaction, customizable UI, real-time chat, activity tracking, live video calling with screen sharing
- **Git repo:** <https://github.com/Akash4693/threads-clone>

Rhezo - Food Ordering Platform

Tech used: React JS, Typescript, MongoDB, Express js, Node js, Zustand, Stripe,

JWT, Zod, Tailwind CSS, ShadCN UI, CSS, HTML, NodeMailer, Cloudinary

- **Overview:** Rhezo is a robust, full-stack food ordering platform developed using TypeScript, React.js, MongoDB, Express.js, and Node.js, designed for seamless user experience and high performance. It features secure JWT authentication, real-time Stripe payment integration, and automated email confirmations via NodeMailer. Cloudinary optimizes image handling, while ShadCN UI enhances the interface for a polished and intuitive experience. The admin panel provides powerful tools for managing products and restaurants, applying advanced filtering options.
- **Key Features:** JWT Authentication & Schema Validation, Admin & User panel Optimized State Management, Seamless Transactions, Automated Email System & Image Optimization, Advanced Filtering, Food Order Management
- **Git repo:** <https://github.com/Akash4693/rhezo>

EDUCATION

Manipal University Jaipur

Bachelor in Computer Applications - CGPA - 9.2

07 2023 –
Jaipur, India