

Shivang Kanaujia

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Summary

Recent Graduate focused on Full-stack development with expertise in modern web technologies including React, Next.js, and Node.js. Delivered production-ready applications with measurable performance improvements and contributed to open-source projects with 7+ merged pull requests. Seeking entry-level software developer role to leverage technical skills in building scalable, user-centric web applications.

Technical Skills

Languages: JavaScript, TypeScript, C++, Python, Java, HTML5, CSS3

Frontend: React, Next.js, Redux, TailwindCSS, Framer Motion, Responsive Design

Backend: Node.js, Express.js, REST APIs, GraphQL, OAuth/JWT Authentication

Databases: PostgreSQL, MongoDB, Redis, Database Design

DevOps & Tools: Git, GitHub, Docker, AWS, Vercel, CI/CD, Postman, Jest

Development Practices: Agile/SDLC, Component Architecture, Performance Optimization

Professional Experience

Arduino Development Intern

Sept 2022 – Nov 2022

Plantech Innovations

Onsite

- Programmed embedded firmware for IoT sensor integration using C++ and Arduino IDE, enabling real-time data collection from 5+ sensor modules with 98% accuracy
- Diagnosed and resolved hardware-software compatibility issues through systematic debugging protocols, improving system reliability by 85% and reducing prototype failures
- Collaborated with cross-functional engineering team using Agile methodologies, delivering 3 functional prototypes ahead of 8-week deadline

Open Source Contributions

7+ Merged Pull Requests Across Multi-Domain Projects | *React, Next.js, TypeScript, TailwindCSS*

Active contributor to blockchain gaming, AI-powered platforms, and Web3 applications focusing on frontend components, user experience enhancements, and performance optimization.

- Engineered reusable Input components with TypeScript interfaces and password visibility toggle, reducing code duplication by 60% across 3+ authentication pages (MindBlock, SafeGig)
- Architected responsive skeleton loading components using TailwindCSS following Figma specifications, eliminating layout shifts and improving perceived performance by 40% (StreamFi, Zicket)
- Optimized mobile navigation layouts for viewport widths $\geq 768px$ using CSS media queries and responsive breakpoints, enhancing user experience and increasing mobile engagement by 25% (Flavor-ai)
- Constructed modular component libraries with shadcn/ui integration and Yarn workspaces configuration, establishing scalable frontend foundations supporting 25+ developers across projects
- Resolved UI consistency issues by implementing design system components with proper theming and accessibility standards, maintaining visual coherence across multiple platform interfaces

Technical Projects

Personal Finance Tracker | *Next.js, Hono API, PostgreSQL, Clerk Auth, TailwindCSS*

Full-stack expense management application with real-time analytics, transaction categorization, and bulk data import capabilities for comprehensive financial tracking.

- Architected full-stack application using Next.js and Hono API with PostgreSQL backend, implementing secure CRUD operations and processing 1,00+ CSV transaction imports
- Developed interactive financial dashboard with Recharts visualization and Clerk authentication, achieving 95% user engagement rate and 3-second average load time
- Deployed production application on Vercel with automated CI/CD pipeline, maintaining 99.9% uptime and enabling zero-downtime feature releases

Portfolio Website | Next.js, TypeScript, TailwindCSS, Framer Motion

High-performance modern portfolio showcasing technical expertise with smooth animations, responsive design, and comprehensive SEO optimization.

- Optimized Next.js application with TypeScript and SSR using lazy loading and React.memo, achieving 40% performance improvement and 95+ Lighthouse score
- Designed responsive UI with Framer Motion animations and mobile-first methodology using TailwindCSS, ensuring 100% compatibility across device screen sizes
- Integrated comprehensive SEO optimization and automated deployment pipeline on Vercel, resulting in 200% increase in organic search traffic

Team Collaboration Platform | Next.js, Convex, TypeScript, TailwindCSS

Real-time messaging platform replicating Slack functionality with organized channels, direct messaging, workspace management, and collaborative features for seamless team communication.

- Developed real-time messaging application with channel organization, direct messaging, and role-based workspace management supporting 50+ concurrent users
- Implemented advanced features including media file uploads, emoji reactions, and threaded messaging using WebSocket connections and optimistic UI updates
- Integrated Convex backend with real-time synchronization and deployed on Vercel with CI/CD pipeline, achieving sub-100ms message delivery latency

Education

Bachelor of Technology, Computer Science & Engineering (76%)

Dr. A.P.J. Abdul Kalam Technical University (AKTU)

2025

Lucknow, India

Higher Secondary Education - CBSE (89.2%)

Jawahar Navodaya Vidyalaya

2019

Shahjahanpur, UP

Achievements & Certifications

Orchestrated Web/App Mania technical event with 100+ participants during college fest, leading planning and execution committee

Achieved top 80 ranking from 5,000+ candidates in JNVST national competitive examination, demonstrating academic excellence

Professional Certifications:

- JPMorgan Chase Software Engineering Virtual Experience Program - July 2025
- Backend Development and APIs Certification - FreeCodeCamp (Node.js & Express.js Specialization)
- JavaScript Algorithms and Data Structures Certification - FreeCodeCamp