

TARUN KUSHWAHA

Senior Frontend Engineer | Team Lead

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 4+ years architecting scalable React.js/Next.js applications for 50+ enterprise clients. Expertise in multi-tenant SaaS platforms, performance optimization (80% improvement), RTK Query caching (85% API reduction), Docker containerization, and on-premises deployment. Proven Team Lead driving code quality, mentoring developers, and delivering high-impact features across Knowledge Base, AI Chat, and Workflow Automation systems.

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), Redux Toolkit, RTK Query, HTML5, CSS3 | UI Frameworks: Tailwind CSS, Material-UI, Bootstrap, Radix UI, shadcn/ui | Tools: Playwright, Docker, Git, GitHub/GitLab, React Flow, Webpack | Backend: Node.js, RESTful APIs, MongoDB, Firebase, Supabase, WebSocket | DevOps: CI/CD Pipelines, Docker, On-Premises Deployment

PROFESSIONAL EXPERIENCE

Team Lead & Senior Frontend Engineer

Fluid AI | Kanpur, India | January 2025 – Present

- Led frontend team architecting Fluid GPT platform, achieving 30% increase in stability through code quality improvements and performance optimization
- Transformed cloud-native app into on-premises solution, enabling enterprise deployment with custom feature flag system replacing ConfigCat
- Boosted performance by 80% via RTK Query caching, reducing API calls by 85% across Knowledge Base, Workflows, and Settings modules
- Optimized architecture (routing, state management, code splitting) and collaborated on client deployments, improving efficiency by 40%

Senior Frontend Developer

Fluid AI | Kanpur, India | August 2024 – December 2024

- Architected enterprise-grade multi-tenant SaaS platform with Knowledge Base, AI Chat, Agentic Workflow Engine, and Integration Store
- Built agentic workflow editor using React Flow with draggable nodes and conditional flows, improving automation efficiency by 30%
- Developed Fluid Integrate Store for third-party app management, increasing integration adoption by 40%
- Implemented Playwright E2E and unit tests achieving 75% coverage; engineered URL config panel reducing debug time by 25%

Frontend Developer

Fluid AI | Kanpur, India | January 2022 – July 2024

- Developed multi-tenant conversational chatbot supporting 50+ enterprise clients, increasing engagement by 30%
- Built responsive UI components with React.js, Redux, JavaScript, and Bootstrap; integrated video calling, co-browsing, and rich media display
- Enhanced mobile responsiveness for foldable/small screens (25% retention increase); optimized performance reducing load times by 20%

KEY PROJECTS

Interactive AI Avatar Application | *Next.js, HeyGen SDK, React Hooks, Tailwind CSS*

- Real-time AI avatar app with text/voice communication, modular components, and custom hooks managing sessions and streaming
- Responsive UI with Tailwind CSS and Radix UI, robust state management via React Context and custom hooks

Gen AI Chat Interface | *Next.js, Redux Toolkit, Firebase, Docker, WebSocket*

- Real-time chat with Speech-to-Text, Text-to-Speech, message history; scalable architecture with Redux Toolkit and feature slices
- Firebase authentication with role-based protection; containerized with Docker for consistent deployment

EDUCATION & ADDITIONAL

B.Sc Computer Science | Harsahai P.G. College, Uttar Pradesh | 2021

Languages: English (Professional), Hindi (Native) | Open to: Remote, Hybrid, Relocation