

ATUL KUMAR

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SUMMARY

Frontend-focused Software Engineer with hands-on experience building and deploying production-grade web applications for live platforms with 4500+ monthly users. Strong foundation in JavaScript, React JS, API-driven interfaces, with growing experience in CI/CD. Actively worked with Docker, Linux systems, and cloud deployments (AWS EC2), with a strong interest in automation, and test driven software development.

SKILLS

- **Languages:** HTML5, CSS3, JavaScript (ES6+), TypeScript
- **Frameworks/Libraries:** React JS, Next JS, Context API, Tailwind CSS, React Query
- **Cloud & Infra:** Linux (Ubuntu), Docker, Jenkins, AWS (EC2)
- **Tools & Version Control:** Git, GitHub, Chrome DevTools, API Testing (Postman)
- **Others:** REST APIs, Authentication (Supabase), Web Security, Bundlers
- **Soft Skills:** Communication Skills, Problem Solving, Cross-team collaboration

WORK EXPERIENCE

Frontend Engineer Intern, Monkeys (Open-Source) | [Github](#)

BUDDHICINTAKA PVT. LTD. | Remote | Sep 2025 - Current

- Built a custom Editor.js plugin to support ordered and unordered lists, handling block schema, keyboard interactions, and dynamic rendering using vanilla JavaScript (ES6+).
- Resolved critical performance bottlenecks in the Next.js proxy (acting as a BFF) by implementing data streaming, this optimization reduced overall request latency by 62% and improved Time-to-First-Byte (TTFB).
- Optimized search performance by eliminating duplicate API fetches caused by stale offset state upon URL query update, migrating to URL-driven query state, and implementing server-side pagination (10 posts/page).
- Led review of a ~1,000-line migration PR from SWR to TanStack Query, identifying cache revalidation gaps, edge cases, and error state consistency issues prior to merge.
- Enhanced web accessibility (WCAG) and UX using semantic HTML and form elements, enabling keyboard interactions, improving empty states, and clarifying in-content hyperlinks with brand styling.

Frontend Developer, SSH Softtech Solutions Pvt. Ltd. | Remote | Contract, 2025

- Built and delivered a responsive, performance-optimized frontend for the company's public-facing website, aligning UI and content with the brand's AI-focused offerings, SEO using server-side rendering.
- Worked directly with stakeholders to iterate on user flows and content structure, translating business requirements into clean, maintainable UI components.
- Implemented an AI chatbot to automate client interactions, enhancing the platform's support capabilities.
- Conducted performance audit using Lighthouse, achieving a 90+ Performance score by optimizing First Contentful Paint (0.3s) and minimizing main-thread blocking.

PROJECTS

Netflix-GPT (AI-powered movie recommendation platform) | [Github](#)

- Designed a responsive Netflix-style web application with Firebase Authentication, API driven UI, modular component architecture, dynamic routing, and AI-driven movie recommendations using the Google AI SDK.
- Implemented multilingual support for 3 languages (English, Hindi, Russian) using client-side state management, enabling seamless language switching across the UI, along with reusable components and custom hooks.
- Reduced redundant TMDB API requests via memoization and improving accessibility through semantic HTML and ARIA roles achieving 90+ lighthouse score for web accessibility (WCAG).

Systems & CI/CD Project

- Built a Jenkins-based CI pipeline (containerized) to run production builds of the Monkeys client-side repo and deploy artifact to an EC2 instance via SSH, with automated build triggers configured using GitHub webhooks.
- Debugged deployment-time issues including process/port conflicts and CORS related runtime failures, resulting in successful static UI deployment but blocked API interactions due to cross-origin constraints.
- Hands-on experience with Linux and Docker across local and EC2 based deployments, including process management and container orchestration with Docker Compose.

EDUCATION

Bachelor of Science, Patliputra University

CERTIFICATION

Web Development Bootcamp by Dr. Angela Yu, Udemy (Oct 2024)