

Aman Singh Rajput

Hyderabad, India | rajput.aman900@gmail.com | +91 97706 10436 | [LinkedIn](#) | [Github](#)

About Me

Frontend Lead (4.5 yrs) • Next.js / Vite + React / Angular 17/18 • Shipped sub-200 ms UIs at 10k-SKU scale, driving Core Web Vitals & clean-code culture.

Key Skills & Tech

- Frameworks & State: Next.js, React (Vite, Redux, Zustand), Angular 17/18, Reactflow
- UI Libraries & Design: MUI, Ant Design, ShadCN/UI, NG-Zorro, Storybook
- Languages & Styling: TypeScript, JavaScript (ES6+), HTML5 (semantic), CSS3/SCSS, Tailwind
- Build & Tooling: Vite, Webpack, Babel, npm & yarn workspaces, Husky, ESLint/Prettier
- Testing & Quality: Jest, React-Testing-Library, Cypress, Lighthouse, Core Web Vitals
- Performance & A11y: Bundle-size budgets, Chrome DevTools profiling, WCAG 2.1, CLS < 0.1
- Process & Ops: Git/GitHub Actions CI, Agile/Scrum, Vercel/Netlify preview deploys
- Expertise: Secure coding (CSP/XSS), code reviews, team mentoring & leadership

Work Experience

Senior Software Engineer – ShyftLabs Nov 2022 – Present

Stack: Next.js (13 – app & page routers), Vite + React, Angular 18/17, Reactflow, TypeScript, Ant Design, MUI, ShadCN/UI, Tailwind, Webpack, Storybook, npm / yarn workspaces, Docker, Jest, Cypress

- Data Weaver – low-code ETL canvas:** Architected the entire front end (Reactflow + TS), dropping pipeline-build clicks **35 %** and achieving **98 %** first-run success; tuned bundle to **< 150 KB gz** via Webpack tree-shaking.
- Dynamic Audience Targeting (RMN):** Shipped node-based targeting builder in **< 8 weeks**, enabling marketers to craft audiences visually; drove a **22 %** lift in campaign adoption.
- Carter AI (retail media network):** Embedded chat assistant + Reactflow canvas into RMN (Next.js + MUI); self-serve queries cut support tickets **30 %** and maintained LCP **< 1.4 s** on 3G.
- AI Agent (in progress):** Prototyping chat-driven pipeline generator—converts plain English into node graphs; integrates LangChain on the front end for schema suggestions.
- Price Force & Bulk SKU Config:** Built pricing dashboards managing **10 k+** SKUs with sub-200 ms bulk updates; CSV import validates 50 k rows client-side in **< 2 s** using Web Workers.
- Shopi (Angular 17):** Re-created SWELL-like storefront with SSR; inventory sync across 5 regions, CLS **< 0.05**.
- Storefront (initial project):** Launched Shopify inventory tracker MVP in five weeks; became reference repo for new FE hires.
- Leadership:** Authored clean-code & WCAG 2.1 AA guidelines, reviewed **150+** PRs, mentored 2 engineers, and raised unit-test coverage **55 % → 85 %**.

Frontend Engineer – Accenture (Traveler’s) Jul 2021 – Mar 2022

Stack: React, Redux, Splunk JS SDK, Node/Express, MySQL, Snowflake, Teradata, Jenkins, Jest, Cypress

- Built analytics dashboards visualising **5 M+** daily policy records; reduced initial load **25 %** via virtual scrolling & code-splitting.
- Created a reusable chart-component library (TS-typed, tree-shakable) now used by two internal teams; published via **npm** workspaces and versioned with **semantic-release**.
- Automated CI (Jenkins) to lint, test, and deploy dashboards; cut release rollbacks from 4 % to **< 1 %**.
- Collaborated with data engineers to refine SQL/Snowflake views and JSON APIs, improving query latency **20 %**.

Junior Frontend Developer – Wipro (Wipro Connect HRMS) Sept 2020 – Jul 2021

Stack: Angular 11, SCSS, Jasmine/Karma, Git, Agile

- Refactored legacy components, fixed **30+** UI bugs, and raised Lighthouse accessibility **68 → 92**, CLS **< 0.1**.
- Delivered an internal **infra-dashboard** that visualised storage-asset health; boosted team productivity **46 %** by automating manual Excel checks.
- Implemented ESLint + Husky pre-commit hooks, reducing post-merge style defects **70 %**.
- Supported bi-weekly releases with **< 1 %** rollback through rigorous QA collaboration and automated unit tests.

Education

B.E. Computer Science & Engineering – Chandigarh University 2016 – 2020 • Mohali, Punjab

Relevant Coursework: Data Structures & Algorithms · Object-Oriented Programming · Database Management Systems · Software Development Life Cycle

Certifications

- 2022 • **Full-Stack Web Development** – Udemy / Coursera (specify issuer)
- 2022 • **Problem Solving** – HackerRank (Gold)
- 2022 • **Python (Basic)** – HackerRank

Personal Projects (Self-Learning & OSS)

- Gmail Clone** | [React](#) · [Redux](#) · [Firebase Auth](#) · [Material UI](#)
 - Re-created Gmail interface with inbox, compose, and read views.
 - Implemented Google OAuth for secure login; real-time email CRUD via Firestore.
 - Deployed on Firebase Hosting; Lighthouse performance 95+ across the board.
- LinkedIn Clone** | [React](#) · [Redux](#) · [Firebase Firestore](#) · [Material UI](#)
 - Built feed timeline with post composer, likes, and comments—mirrors LinkedIn UX.
 - Leveraged Firestore for live updates; image uploads stored in Firebase Storage.
 - Responsive layout (mobile ≤768 px) and custom share modals.
- Expense Tracker** | [React](#) · [Context API](#) · [CSS](#)
 - Interactive PWA to log daily expenses; data persisted to localStorage.
 - Charts.js integration for weekly/monthly spend visualization.
 - Achieved **< 200 ms** UI interactions via memoized components.

Interpersonal & Soft Skills

- Keen observational skills and detail focus
- Proven team player who also thrives in independent sprints
- Strong problem-solving mindset and analytical reasoning