Utkarsh Bansal

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Summary

Frontend engineer with **4 years** of experience in **React, Vue 3, and TypeScript**, specializing in **frontend platform work** — design systems, performance, code-quality automation, security hardening, and **LLM-powered developer tooling**. Shipped tooling adopted across **35+ repositories and 32 applications**, remediated **15+ critical vulnerabilities** for **HIPAA** compliance, and **mentors engineers as a primary frontend code reviewer**.

Skills

- **Frontend Development:** React.js, Vue.js, TypeScript, JavaScript (ES6), HTML5, CSS3/SCSS, Redux, Pinia, Vue Query, Python
- **UI & Design Systems:** Material UI, PrimeVue, TailwindCSS, Storybook
- **Tooling & Build:** Webpack, Vite, Git, Chrome DevTools, ESLint, Prettier, Husky, lint-staged, Github Actions
- **Testing & Quality:** Jest, Vitest, React Testing Library, Enzyme
- **Specialized Expertise:** Web Performance, Accessibility, Frontend Security (XSS, CSP, VAPT), CI/CD
- **AI & Automation:** LLM-based validation pipelines, AI-agent skills, prompt design

Experience

High Level - Software Developer Engineer - 2
Nov 2022 - Present

Delhi, India (Remote)

- **Standardized frontend tooling across 35+ repositories** with ESLint, Prettier, Husky, and lint-staged, **automating code-quality checks**.
- Established an **organization-wide quality gates** for frontend PR, flagging **~3,000 issues/month** and authoring i18n ESLint rules.
- **Designed and Built Copy-Guard** using regex, abstract syntax tree checks, and **large language model validation** across **32 applications**
- **Drove frontend security hardening** by auditing security tokens and coordinating **DOMPurify and rich-text sanitization upgrades.**
- **Launched a centralized Engineering Docs platform** with **AI agent skills**, bot tooling, and a unified Platform Portals hub.

Hiver - Software Developer Engineer
Nov 2022 - Nov 2025

Bengaluru, India

- **Architected and maintained modular Vue 3 and React + TypeScript component libraries** with packages published to **npm**, improving dev productivity and feature development by **30%** .
- **Collaborated** with **PMs, UX designers**, and **backend teams** to translate product requirements and UI designs into robust technical specs and deliver high-impact features in **Vue** and **React** ecosystems.
- Resolved **15+ critical frontend vulnerabilities** (**XSS**, **CSP misconfigurations**, **dependency risks**) identified during a **VAPT** review, contributing to **HIPAA** requirements.

Stryker - Software Engineer Intern
Jan 2022 - Jun 2022

Gurugram, India

- **Developed** a Python-based QA automation tool, reducing manual effort by **80%** and doubling throughput. **Optimized** a self-healing testing framework, improving debugging efficiency by **50%**.

Education

Vellore Institute of Technology, VIT University

B.Tech in Computer Science and Engineering 2018 - 2022