

# Utkarsh Bansal

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## Software Developer Engineer (Frontend)

### Summary

Frontend Developer with **2.5+ years of experience** building **secure, scalable web applications** using **React, Vue 3, and TypeScript**. Skilled in **reusable component libraries**, improving **frontend performance**, and writing **testable, maintainable code**. Adept at working with **cross-functional teams** to deliver product features in **agile environments**, with a focus on **clean architecture** and **frontend security**.

### Experience

#### Software Developer Engineer

Nov 2022 - Present

Hiver | Bengaluru, India

- **Architected and delivered** a modular **Vue 3 + TypeScript component library** using the **Composition API**, boosting developer productivity by **30%** and enabling scalable, reusable UI components.
- **Spearheaded and published** a **React + TypeScript component library** to **npm**, leveraging **Storybook** and **Vite**, accelerating feature development by **30%** across engineering teams.
- **Refactored and migrated** 150+ test suites from **Enzyme to React Testing Library**, increasing test coverage to **76%** and reducing production bugs by **40%**.
- **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.
- **Integrated CI/CD pipelines** for **automated linting, testing, and builds** across Vue and React projects, contributing to faster and more reliable deployments.
- Authored **developer guides** and **component documentation** to streamline onboarding and standardize usage, cutting new engineer ramp-up time by 25%.

#### Software Engineer Intern

Jan 2022 - Jun 2022

Stryker | Gurugram, India

- **Designed and implemented** a Python based automation tool, reducing manual QA effort by **80%** and doubling test throughput.
- **Integrated and optimized** a self-healing testing framework, enhancing cross-team debugging efficiency by **50%** and improving test reliability.

### Education

Vellore Institute of Technology, VIT University | B.Tech in Computer Science and Engineering 2022

### Skills

- |                     |                           |                              |
|---------------------|---------------------------|------------------------------|
| ● React.js          | ● Material UI             | ● Problem Solving            |
| ● Vue.js            | ● Prime vue               | ● Effective Communication    |
| ● HTML / HTML5      | ● TailwindCSS             | ● Collaboration / Teamwork   |
| ● CSS / CSS3 / SCSS | ● Technical Documentation | ● Adaptability               |
| ● JavaScript / ES6  | ● Web Security            | ● Time Management            |
| ● TypeScript        | ● CSP Implementation      | ● Critical Thinking          |
| ● Redux             | ● XSS Prevention          | ● Ownership / Accountability |
| ● Pinia             | ● Git                     | ● Attention to Detail        |
| ● Webpack           | ● Storybook               | ● Agile Methodologies        |