

# Anuj kumar

Software engineer | Frontend Developer

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🔗 [anujkumar9081.github.io/portfolio](https://anujkumar9081.github.io/portfolio)

## 📄 SUMMARY

Frontend Developer specializing in React, JavaScript, HTML, and CSS to build responsive, high-performance web applications. Active open-source contributor with code merged into major enterprise projects (CNCF, Red Hat), bringing strong collaboration skills and production-level coding standards to fast-paced teams.

## 🏢 PROFESSIONAL EXPERIENCE

### Hackathon Project: College Marketplace

Student Marketplace & Team Finder [Html, Css, Javascript, React.js, Sql, node.js]

01/2026 – 01/2026  
Pune, India

- Built a campus marketplace website for students to easily buy and sell products.
- Created a poll-based feature to help students find teammates for hackathons, sports, and events.
- Collaborated in a fast-paced hackathon team to design, build, and present the project.

## 🎓 EDUCATION

### Bachelor of Technology

[Vedam School of Technology](#) 🔗

Semester 1 :- (8.24 SGPA)

08/2025 – Present

## 🧠 SKILLS

HTML | CSS | JAVASCRIPT | REACT.JS | PYTHON | Git | Github | Linux | Tailwind CSS

## 🧩 OPEN SOURCE CONTRIBUTION

### Red Hat (Hermeto Project) | Open Source Contributor | Feb 2026 – Present

- Engineered parsing logic for multi-version compressed Python wheel tags within the core pip backend.
- Discovered and patched a critical logic flaw in checksum validation handling for sdist packages to prevent FileNotFoundError crashes during SBOM generation.

### CNCF (Antrea & Jaeger Tracing) | Open Source Contributor | Mar 2026 – Present

- **Antrea:** Patched a command injection vulnerability in GitHub Actions CI/CD workflows and resolved a Golang error-wrapping bug in the SupportBundleCollection controller.
- **Jaeger:** Fixed a byte alignment corruption bug in the Elasticsearch storage backend for 64-bit trace IDs.

### Learning Unlimited (ESP-Website) | Open Source Contributor | Mar 2026

- Fixed a silent string manipulation bug in Python statistics processing to prevent duplicate data rows.

## 📁 PROJECTS

### Interactive Drum Kit Application

JavaScript, HTML5, CSS3

- Developed a responsive web application that triggers high-quality audio playback and CSS animations via keyboard and mouse interactions.
- Utilized vanilla JavaScript for DOM manipulation and event handling to create a seamless, interactive user experience.

### Real-Time Weather Dashboard

JavaScript, REST APIs, HTML, CSS

- Developed a dynamic web application that fetches and displays real-time meteorological data by integrating third-party REST APIs.
- Implemented asynchronous JavaScript (async/await, Fetch API) to optimize network requests and gracefully handle API error states

### Keyboard Event Visualizer

JavaScript, HTML, CSS

- Built an interactive utility application that captures and displays real-time keyboard inputs and their corresponding event keycodes on the UI.
- Utilized global event listeners (keydown) and DOM manipulation in vanilla JavaScript to dynamically update the display based on user interaction.

### Neomorphic Analog Clock

JavaScript, HTML5, CSS3

- Designed and developed a dynamic analog clock web application featuring modern "Neomorphism" UI design principles and a fully functional light/dark theme toggle.
- Utilized JavaScript's Date object and CSS transform properties to calculate and dynamically rotate clock hands in real-time.