

# Juvita Saini

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## TECHNICAL SKILLS

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**Frontend:** HTML5, JavaScript (ES6+), React.js, Next.JS, TypeScript, Redux, CSS3

**UI & Styling:** React Flow, Framer Motion, Ant Design, Material-UI, Tailwind CSS, Styled Components, Recharts

**Tools & Practices:** Git, GitHub, Postman, Docker, Cypress, Webpack, React Google Maps

## EXPERIENCE

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### Frontend Developer

Sep 2023 – Present

*TheCarbonMinus - Resources Data and Analytics Industry*

*Pune, India*

- Being the top code contributor on GitHub, I have been enhancing the user engagement using **responsive web applications** in **React.js**
- Utilized **Styled Components**, **Material UI** and **Antd Library** for modular and maintainable styling
- Wrote test cases in **cypress** to ensure code quality and functionality.
- Implemented **Recharts library** to create various types of graphs.
- Integrated features like **dark theme**, **layout**, **routing**, and **navigation** to enhance user experience.
- Integrated **React Google Maps** for dynamic location tracking and custom map views.
- **React Flow** for interactive flowchart visualizations.
- Created comprehensive **documentation** and README files to enhance project understanding and facilitate collaboration within the team.
- **Advised** transitioning from **Create React App (CRA)** to **Vite** for improved development experience and performance benefits.
- Independently **developed a new feature** with a junior backend developer, successfully merging it into the main project without senior assistance.

### Neog Bootcamp

2022

- Learned **HTML5**, **CSS3**, **Javascript**, **React.js**, **Git**, **GitHub**, **Postman**, **deployment**, **hosting**, writing **optimized** and **clean code**, solved questions in javascript to skill up.
- Worked on **projects** such as an **e-commerce website**, **a video library**, **a component library**, and performed CRUD operations.
- Practiced **peer interviews**, solved **coding questions**, and **discussed problems** with fellow developers.

## PROJECTS

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### Video Library

[Github](#)

- This is a video library web app
- Main features include : Home, Playlists, Liked, Watch Later, History, Login etc
- Technologies: ReactJS, Mockbee for mock backend and UI updated with in 2024

### Component Library

[Github](#)

- Created a UI component library using HTML5 and CSS3.
- Designed responsive UI components, ensuring consistency across projects.
- Implemented Flexbox and CSS Grid to enhance responsiveness.
- Followed BEM methodology for better CSS maintainability.

### E-commerce Website

[Github](#)

- Built a fully functional e-commerce website with modern web technologies.
- Added search and filtering features to improve product discovery.
- Designed a responsive interface using CSS3 and Flexbox.
- Used LocalStorage for data persistence to enhance user experience.

## BLOGS

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### useMemo vs memo in React

[Medium](#)

- An easy-to-understand article comparing **useMemo** and **memo** in React, which received 57 claps.

### useRef: Understand with Scroll Example

[Medium](#)

- A comprehensive guide on **useRef**, illustrated with a practical scroll example.

## EDUCATION

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### Sardar Beant Singh State University

Gurdaspur, India

*Bachelor of Technology in Computer Science and Engineering*

*2019 – 2023*

- Graduated with a **CGPA of 8.2/10**, ranking in the top 10% of the class
- Spearheaded development of a campus navigation app, improving new student orientation efficiency by 30%
- Organised multiple hackathons as the president of a university society, engaging 500+ participants
- Resolved critical issues during hackathons, ensuring smooth execution of events with 98% participant satisfaction

## ACHIEVEMENTS

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- **Organized** successful **tech events** in college, enhancing collaboration and innovation.
- **Winner** of the Slogan Competition in college, demonstrating creativity and communication skills.
- **Secured** multiple positions in College Sports Meets, highlighting teamwork and dedication.
- Served as **Vice President** of the ISTE Society, leading initiatives to promote technical education.
- Participated in the National Engineering Olympiad 3.0, showcasing strong problem-solving skills

## COLLEGE EXPERIENCE AND SIDE LEARNING

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### Mini Project: Image Renderer

[Demo](#)

- Developed a single-page application that takes user input and renders images based on that input.

### Workshop: Bike Animation

[GitHub Repository](#)

- Conducted a workshop for fellow students on creating bike animations using JavaScript.

### Algorithmic Problem Solving

[GitHub Repository](#)

- Worked on solving algorithmic challenges, including the *Fly Me To The Destination* project, demonstrating problem-solving skills.