

# Avinash Pratap Singh

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## Projects

**Renewa:** *React, Django, OpenAI API, HTML, CSS, Javascript*

- Built a food redistribution web platform where over 50+ restaurants list extra meals at discounted rates, reducing food waste by 60%.
- Integrated OpenAI API to generate recipes from leftover ingredients; system recorded over 500 weekly active users and 1,200 user-submitted meals.
- Designed a mobile-friendly layout with real-time feedback features that improved platform retention rate by 45%.

**CineVerse:** *React, Node.js, TMDb API, HTML, CSS, Javascript*

- Developed a movie catalog platform with TMDb API integration, allowing access to 500,000+ film records including metadata and trailers.
- Added search, genre sorting, actor info, and preview functionality to help users browse and discover films with high interaction rate.
- Optimized load speed via lazy loading and modular bundling on Vercel, reducing bounce rate and improving responsiveness on mobile.

**Vocal AR:** *React, WebXR, Bhashini API, HTML, CSS, JavaScript*

- Created a virtual try-on experience using WebXR to simulate eyewear fittings, increasing average session time by 65%.
- Implemented voice-driven commands in 10+ Indian languages using Bhashini API to ensure usability across diverse language speakers.
- Hosted on Vercel with optimized asset delivery, achieving load speeds under 2 seconds and enhancing user conversion by 40%.

## Internship

**Five Alphabet**

Jan 2025 – Present

Frontend Developer – React.js

- Spearheaded UI development for **United AI**, an integrated AI platform offering 6+ tools including chatbots, resume builders, and code generators—used by over 2,000 users.
- Engineered 15+ dynamic React components with responsive design and seamless API integration, reducing load times by 40% and boosting user engagement.
- Collaborated with backend teams to streamline component communication, improving platform stability and reducing bug reports by 30%.
- Optimized code using React best practices like hooks, memoization, and lazy loading, improving developer efficiency by 25%.

## Skills

Languages	C++, Python, JavaScript, SQL
Frameworks	React, Node.js, Django, EJS
Libraries	jQuery, Bootstrap, Tailwind CSS
Tools	Git, GitHub, Vercel, Docker, Postman
Soft Skills	Leadership, Communication, Resiliency

## Achievements

- Top 10 finalist in FinXthon hackathon organized by Q2 Software.
- Winner of internal hackathon at GL Bajaj Institute among 50+ teams.

## Education

**GL Bajaj Institute of Technology & Management**

Nov 2021 – July 2025

BTech in Information Technology: CGPA: 7.2

**Silver Grove School**

2017 – 2020

High School – 10th: 82%, 12th: 77.1%