

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%.

Ashfolio: *React, Vite, Tailwind CSS, Vercel*

- Designed and deployed a fully responsive portfolio website to showcase projects and skills, achieving fast load speeds and optimized SEO.
- Built with modern web technologies (React, Tailwind CSS) and hosted seamlessly on Vercel for continuous deployment.

Internship

Five Alphabet

Jan 2025 – Present

Frontend Developer – React.js

- Developed UI for **United AI**, a platform offering 6+ AI tools, used by 2,000+ users.
- Built 15+ responsive React components, improving load speed by 40% and user engagement.
- Enhanced platform stability by streamlining frontend-backend communication and optimizing React workflows.

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%