

Vinit Mittal

Rajasthan, India | vinitmittal035@gmail.com | +91 9468877686 | [Portfolio](#) | [LinkedIn](#) | [Github](#)

Education

Chandigarh University

BS in Computer Science

Mohali, Punjab

Graduation Date: Jun 2025

Experience

Full Stack Developer, Freelance

Feb 2024 – Apr 2024

[Website](#)

- Developed a user-friendly website for a journalist to publish blogs, resulting in a 40% increase in website traffic within the first month.
- Utilized SEO best practices to optimize website content, leading to a 60% increase in organic search traffic and a 20% decrease in bounce rate.
- Implemented customized plugins and widgets to enhance user experience, resulting in a 50% increase in subscriber sign-ups and newsletter open rates.

Software Engineer, Freelance

Jan 2024 – Feb 2024

[Repo](#)

- Developed and implemented a python script which helps in comparing the diversity between two images. These images could be from the local system or online sources.
- Developed a system where the program will automatically visit the mentioned website, click the image and then compare it to the second image.
- Implemented the feature where a RGB image will be generated depicting the difference between the two images using different colour for better understanding and readability.

Publications

Dynamic Playlist Generation using AI

Nov 2024

Parth Awasthi, **Vinit Mittal**, Bharti Sahu

Projects

SketchFlow

- Developed a collaborative drawing and diagramming tool that allows users to create, edit, and share visual content in real-time with 20+ active users.
- Integrated user authentication with JWT tokens to ensure secure access and user management, handling over 10+ registered users.
- Utilized React and Redux for state management, achieving a 10% performance improvement in UI responsiveness

Realtime Stock Price Dashboard

[Website](#)

- Designed and deployed real-time data streaming capabilities to the dashboard, enabling users to view stock prices with less than a 1-second delay, improving user experience by 80%.
- Collaborated with UI/UX team to create an intuitive and user-friendly interface for the dashboard, leading to a 90% increase in user engagement and daily active users.
- Developed and implemented a secure user authentication system for the stock price dashboard, resulting in a 75% decrease in unauthorized access attempts.

Game of Drench

[Website](#)

- Developed and launched an interactive web game, "Fill Up," which garnered over 1000+ users within the first month of release.
- Implemented "Flood fill" algorithm to recognize the current state of the board. It checks if the board is of one unary color after each move.
- Designed a minimal and easy to understand UI for better and smooth user experience.

Technologies

Languages: HTML, CSS, JavaScript, TypeScript, React.JS, Node.JS, Java, Solidity, SQL, NoSQL

Tools: Figma, Git, Spline, Excel, Adobe Illustrator