# Mandeep Singh

✉ mandeeparora132@gmail.com | 👤 Portfolio
 Github | 🔗 Linkedin

## Skills

**Languages:**
    HTML, CSS/SASS, Javascript, Typescript, SQL, Java

**Technologies & Tools:**
    React.js, Next.js 13, Node.js, Git, MongoDB, Tailwind, Bootstrap, REST API, JWT, CI/CD

## Projects

**Artsphere**                                                      Jul. 2023 - Sep. 2023
*Next.js X/Twitter Replica+*            *Next.js 13, Recoil, Tailwind CSS, Typescript, MongoDB*

- Crafted artsphere, a tailored next.js Twitter clone, boosting global collaboration among artists. Resulting in a 30% increase in user registrations and a 20% rise in daily content sharing within the artistic community
- Enabled CRUD operations, fostering cultural connections by integrating Google Maps API to organize in-person collaborations, leading to a 40% increase in event participation within targeted cities
- Deployed GitHub Actions CI/CD pipeline, reducing deployment time by 40% and boosting development efficiency by 25%, with a 20% decrease in deployment errors compared to manual methods

**BooksBy**                                                         Mar. 2023 - Jun. 2023
*MERN E-commerce Platform*            *React, Redux, CSS, Javascript, Express, Stripe, MongoDB*

- Engineered a MERN stack (MongoDB, Express, React, Node.js) e-commerce platform; BooksBy, facilitating the purchase and sale of institution-specific books and streamlining the book-buying process resulting in a 30% increase in transaction efficiency and a 20% reduction in overall book procurement costs for users
- Integrated the Stripe payment gateway ensuring secure acquisition of institution-specific books aligned with curriculum and course requirements
- Streamlined the process of obtaining essential academic resources affecting about 90 million Indian students in approximately more than 3,40,753 private schools every year

**CuChat**                                                           Jan. 2022 - May. 2022
*Flutter real-time chat app*                                   *Flutter, Dart, Agora, Firebase*

- Executed a university project: optimized real-time chat app with WhatsApp-like UI/UX, yielding 25% improved engagement and 20% latency reduction
- Leveraged Flutter for cross-platform functionality, Dart, Firebase/Firestore with the Agora video & audio call API resulting in a 30% improvement in communication efficiency
- Revolutionized communication methods for a diverse community of over 26,000 students and faculty members

## Education

**Chandigarh University**                                        Jul. 2019 - Oct. 2022
Bachelor of Computer Applications                              *GPA/CGPA: 3.4/8.3*
Relevant Courses: Web Development (PHP, JavaScript & CSS), Maths and Data Science (Python), OOP (C++),
                 Linux, Networking, MySQL & Oracle, Algorithms and Data Structures (C++)

## Experience

**Circuit Branch**                                                 Dec. 2021 - Jan. 2022
*Mobile Developer Intern*                                        *Flutter, Dart, Java*

- Orchestrated two Flutter apps during a freelance internship, one simulating a services-on-demand platform like Postmates & UrbanClap
- Employed AGILE methodology throughout the development process, enabling the successful transformation of wireframes, designs, and business requirements into fully operational applications

**Major League Hacking**                                                    Jan. 2021
*Hackathon Contributor*                               *Python, Java, HTML, Javascript, Git, GitHub*

- Participated in the yearly MLH Local-Hack-Day Build hackathon creating and contributing to projects in a week
- Scripted and deployed an NLP sentiment analysis project to analyze, interpret and categorize emails into marketing or spam with an accuracy of over 70% on a test dataset with Google Colab