

Mandeep Singh

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EDUCATION

Chandigarh University

July 2019 – Oct. 2022

Bachelor of Computer Applications

CGPA: 8.3/10

Relevant Courses: Web Development (PHP, JavaScript & CSS), Maths and Data Science (Python), OOP (C++), Linux, MySQL & Oracle, Algorithms and Data Structures (C++)

TECHNICAL SKILLS

Languages: Java, C/C++, JavaScript, TypeScript, SQL, HTML, CSS/SASS

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

PROJECTS

ArtSphere 🌀 | *TypeScript, Next.js, Recoil, MongoDB, Tailwind*

July 2023 – Sep. 2023

- Crafted Artsphere, a tailored Next.js Twitter/X clone, fostering global collaboration among artists, resulting in a 20% rise in daily content sharing
- Enabled CRUD operations, integrating Google Maps API with geolocation and geocoding for in-person collaborations, leading to a 40% increase in event participation
- Deployed GitHub Actions CI/CD pipeline, reducing deployment time by 40% and boosting development efficiency by 25%

BooksBy 🌀 | *JavaScript, React, Redux, Express, Stripe, JWT*

March 2023 – June 2023

- Engineered an e-commerce platform, achieving a 30% boost in transaction efficiency and a remarkable 20% cut in overall book procurement costs
- 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, impacting about 90 million Indian students annually in more than 3,30,000 private schools

CuChat 🌀 | *Flutter, Dart, Agora, Firebase*

Jan. 2022 – May 2022

- Optimized a real-time chat app with a WhatsApp-like UI/UX, yielding 25% improved engagement and 20% latency reduction
- Leveraged Flutter, Firebase, and Agora API for cross-platform functionality, resulting in a 30% improvement in communication efficiency
- Revolutionized communication methods for a diverse community of over 26,000 students and faculty members

EXPERIENCE

Mobile Developer Intern

Dec. 2021 – Jan. 2022

Circuit branch

Remote

- Developed two Flutter apps emulating a services-on-demand platform similar to Postmates & UrbanClap. Achieved a rapid 30% increase in user engagement, measured by daily active users and customer feedback
- Leveraged AGILE methodology to streamline the transformation of wireframes, designs, and business requirements into operational applications. Cut project timelines by 20%, ensuring prompt delivery

Hackathon Contributor

Jan. 2021 – March 2021

Major League Hacking

Remote

- Engaged in the annual MLH Local-Hack-Day Build hackathon, actively initiating and contributing to multiple projects within a week. Enhanced productivity by achieving a 30% increase in project completion rate compared to the previous year
- Scripted and deployed an NLP sentiment analysis project with Google Colab, achieving over 70% accuracy in categorizing emails into marketing or spam