

# Kamal Preet Singh

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## EDUCATION

### Chandigarh University

Bachelor of Engineering (Computer science and engineering)

Mohali, Punjab

Aug. 2022 – present

### Delhi Public School, Rudrapur

Class 12th - CBSE

Uttarakhand

2021 – 2022

### Delhi Public School, Rudrapur

Class 10th - CBSE

Uttarakhand

2019 – 2020

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## EXPERIENCE

### Software developer Intern (flutter app developer)

Medoc Health IT Pvt. Ltd,

July 2024 – Present

Mohali , Punjab

- Developed and maintained the front-end of a healthcare application using Flutter, ensuring a responsive and user-friendly interface.
- Successfully integrated APIs provided by the backend team to ensure seamless data flow and functionality within the app
- Designed and implemented visually appealing and intuitive user interfaces, enhancing user experience and satisfaction with the application.

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## PROJECTS

### DSA/CP Dashboard | Reactjs , express, mongodb , node , typecript , tailwind css , vercel

- Developed a comprehensive CP/DSA dashboard using the MERN stack, integrating data from Codeforces, LeetCode, and CodeChef.
- Designed an interactive heatmap to track combined submission activity over time, enhancing data visibility.
- User Vercel for hosting
- Leveraged RESTful APIs for seamless data retrieval, enabling real-time updates for user ratings and question history.
- Link: <https://dsa-tracker-dashboard-4ctx.vercel.app/>

### Chatting website | React js , vite , firebase, tailwind CSS

- Developed a dynamic chatting website enabling real-time communication between users, leveraging Firebase for real-time database functionality.
- Integrated Firebase for real-time database management, user authentication, and cloud storage, ensuring secure and reliable data handling.

### Industry management app | flutter , dart , firebase,

- Developed a multi-platform application using Flutter, ensuring seamless functionality across both Android and iOS devices.
- Created an app to manage various data types, including import/export of raw materials, pending orders, completed orders, and employee information.
- Automated workflows for tracking and managing orders and inventory, improving operational efficiency and reducing manual errors.

### Chatbot app | flutter, rest API

- Developed an AI-powered chatbot using the Gemini API, providing users with intelligent and context-aware responses.
- Leveraged the BLoC (Business Logic Component) pattern for efficient state management, ensuring smooth data flow and UI updates.
- Utilized REST API to connect the chatbot with external services, enhancing its capabilities and providing users with more comprehensive responses.

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## TECHNICAL SKILLS

**Languages:** dart , javascript , C/C++ , python , dart , java , SQL , HTML/CSS ,

**Frameworks:** React, Node.js, Flutter

**Developer Tools:** Git/GitHub , Google Cloud Platform, VS Code , Postman api, RESTful APIs, Firebase Firestore, Firebase Authentication Firebase Cloud Storage

**Libraries:** Tailwind CSS, Flutter Bloc, Vite, Redux, Axios