Kamal Preet Singh

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EDUCATION

Chandigarh University	Mohali, Punjab
Bachelor of Engineering (Computer science and engineering)	*Aug. 2022 – present*
Delhi Public School, Rudrapur	Uttarakhand
Class 12th - CBSE	*2021 – 2022*
Delhi Public School, Rudrapur	Uttarakhand
Class 10th - CBSE	*2019 – 2020*

EXPERIENCE

Software developer Intern (flutter app developer)	July 2024 – Present
Medoc Health IT Pvt. Ltd,	*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.

PROJECTS

DSA/CP Dasboard | 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.
- Implemented dynamic visualizations, including rating trends, question counts, and tag-wise breakdowns for each platform.
- 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/

E-commerce app | flutter , dart , firebase, Flutter bloc
- Created a e-commerce app using Flutter, ensuring compatibility across both Android and iOS platforms.
- Utilized Flutter Bloc for efficient state management, enhancing app performance and maintainability.
- Integrated Firebase for user authentication, real-time database management, and cloud storage, providing a secure and scalable backend solution.

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.
- Employed Tailwind CSS for creating a modern and responsive design, ensuring a consistent and visually appealing user interface across devices.
- 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.
- Ensured real-time data synchronization and updates, allowing users to access the most current information at all times.

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.

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