JASLEEN KAUR

work.jasleenkaur@gmail.com | +91 8750912238 | West Delhi, India
 Jasleen Kaur | JASLEENKAUR13

PROFESSIONAL SUMMARY

Software Engineering student with proven skills in full-stack and mobile development using React.js, Flutter, Node.js, and FastAPI. Experienced in building scalable apps with RESTful APIs, Firebase, Supabase, and PostgreSQL. Strong foundation in CS fundamentals including DSA (Java/C++), ubuntu systems, and Agile workflows. Passionate about delivering user-centric solutions through clean architecture and collaborative problem-solving.

PROJECTS

○ **CyberVault – Secure Desktop Vault with Neural Authentication** | *Python, Electron, React, TypeScript, Context API* 2025
  – Built secure offline vault handling **100+ encrypted files per user** using **AES-256 encryption**.
  – Integrated **face-api.js** and WebAuthn for biometric authentication; achieved **95% accuracy** in user recognition.
  – Optimized dashboard performance by **30%** through React lazy loading, memoization, and efficient state management.

○ **AI Image Generator** | *Flutter, REST API, BLoC, Imagine API* 2025
  – Engineered a text-to-image generator processing **1000+ image prompts** with average latency of **<2 seconds**.
  – Utilized **BLoC** for predictable state management and enhanced app responsiveness by **25%**.

○ **Blog App** | *Flutter, Bloc, Supabase* 2025
  – Developed scalable blogging platform supporting **500+ posts and comments** using **Clean Architecture**.
  – Integrated **Supabase REST APIs** for authentication and real-time post synchronization.

○ **Pomotask** | *Flutter, Firebase* 2025
  – Created cross-platform productivity app with Pomodoro and task manager, tested by **50+ beta users**.
  – Leveraged **Firebase Auth** and Firestore for secure real-time data synchronization.

EXPERIENCE

○ **Intern - Full Stack Developer** *Jul 2025 – Oct 2025*
  WESEE (Indian Navy) *Delhi, India*
  – Designed and deployed **3 internal web applications** on **ubuntu servers** using **React.js (ES6+)**, **Node.js**, and **PostgreSQL**, improving workflow efficiency by **25%**.
  – Built **5+ RESTful APIs** using **FastAPI** and implemented **JWT-based authentication**, reducing manual data handling by **40%**.
  – Followed **Agile** practices; maintained 80% **test coverage** for UI components using **Jest**.
  – Collaborated with cross-functional teams to ensure high-quality, scalable solutions aligned with Delivery Excellence values.

SKILLS

○ **Programming Languages:** JavaScript (ES6+), Python, Java, C, C++ (familiar), Dart (Flutter)
○ **Computer Science:** Data Structures & Algorithms (Java/C++), OOP, OOD, Operating Systems, Computer Networks
○ **Frontend:** React.js, HTML, CSS, Context API, Flutter
○ **Backend:** Node.js, FastAPI, RESTful APIs, JWT Authentication
○ **Database:** PostgreSQL, MySQL, SQL, Firebase, Supabase
○ **Systems & Tools:** Ubuntu , Git, GitHub
○ **Testing:** Jest, React Testing Library (familiar)
○ **Practices:** Performance Optimization, Clean Architecture, Agile Methodologies, Problem Solving
○ **Soft Skills:** Collaboration, Analytical Thinking, Communication, Documentation

EDUCATION

○ **Guru Gobind Singh Indraprastha University** *Nov 2022 - Aug 2026, GPA: 8.7/10.00*
  B.Tech (Information Technology) *Delhi, India*
○ **Guru Harkrishan Public School** *2022, GPA: 8.9/10*
  Standard - 12th *Delhi, India*
○ **Guru Harkrishan Public School** *2020, GPA: 8.85/10*
  Standard - 10th *Delhi, India*

CERTIFICATIONS & ACHIEVEMENTS

○ **160 Days of Problem Solving — GeeksforGeeks** Feb 2025
○ **Smart Delhi Hackathon Semifinalist — GGSIPU** Apr 2025
○ **GSSoC 2025 Contributor — GirlScript Summer of Code** July 2025