

Jashanjot Singh

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EDUCATION

- **Chitkara University, Punjab** 2023 - 2026 (Expected)
• *Bachelor of Computer Applications - Information Technology* CGPA: 9.29 (Top 10%)
- **MGN Public School, Jalandhar** 2021 - 2023
• *Senior Secondary Education (Class XII) - Computer Science* 93.4% (Distinction)

TECHNICAL SKILLS

- **Programming Languages:** C, C++, JavaScript, TypeScript, Python, C#
- **Frontend Development:** React.js, Next.js, Tailwind CSS
- **Backend Engineering:** Deno, Node.js, Express.js, WebSockets
- **Database Systems:** PostgreSQL, MongoDB, MySQL, Prisma ORM, Redis
- **DevOps & Tooling:** Git/GitHub, Docker, Azure, Figma
- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Computer Networks, Database Management Systems, Operating Systems

PROJECTS

- **Dhaniverse** **GitHub — Live Demo:** An Open-World RPG gamifying personal finance for Gen Z through adaptive budgeting tools and real-time gameplay.
 - Engineered a WebGL-based game with Phaser, supporting 1,000+ concurrent players with efficient tilemap rendering.
 - Implemented real-time multiplayer features using WebSockets, enabling a virtual stock market with 5+ tradeable assets, increasing user interaction by 20%.
 - Developed a custom authentication system using Deno and MongoDB, managing 500+ user accounts securely.

Tech Stack: React.js, TypeScript, WebGL, Phaser, WebSockets, Deno, MongoDB, Tailwind CSS

- **LogPeers** **GitHub — Live Demo:** A minimalist all-in-one e-learning platform delivering curated, verified study materials for focused learning efficiency.
 - Designed a unified learning ecosystem integrating verified educational resources, eliminating content fragmentation and ensuring reliability
 - Executed minimalist design principles to reduce cognitive load and enhance focus during study sessions
 - Constructed content verification protocols maintaining quality standards for all curated materials
 - Optimized resource organization enabling 30

Tech Stack: TypeScript, React.js, Node.js, MongoDB, Material-UI

ACHIEVEMENTS

- **HACKMOL 6.0 CHAMPION (1st place among 16,000+ participants):** Outperformed **16,000+ participants** from **700+ colleges** nationwide with **Dhaniverse**, utilizing **Phaser game engine**, **WebSockets multiplayer** in real time, and **React.js / TypeScript**.
- **SMART INDIA HACKATHON (SIH):** Advanced to the **Grand Finale**. Competed among **100,000+ participants** from **3,000+ institutions**.
- **Technovanza Hackathon:** Secured **1st Place** among **100+ participants** in the university-level coding competition.

LEADERSHIP EXPERIENCE

- **Technical Executive - IEEE Student Chapter, Chitkara University:**
 - * Orchestrated **15+ tech events** (hackathons, workshops) managing end-to-end execution
 - * Fabricated **5+ event websites** using modern tech stacks, enhancing digital presence and engagement
 - * Mentored **30+ members** in technical skills development, increasing project submissions by **20%**
 - * Automated society operations through custom tools, saving **15+ hours/month** in administrative tasks
- **Operational Executive - CSI Student Chapter, Chitkara University:**
 - * Spearheaded operations for **20+ technical events** with **1,500+ attendees**, optimizing resource allocation
 - * Streamlined cross-department coordination, reducing event setup time by **30%** through workflow automation
 - * Managed technical infrastructure for events, ensuring 99.9% operational uptime during critical activities
 - * Deployed feedback system that improved event satisfaction ratings by **35%** year-over-year
- **Media Lead - Matrix Club, Chitkara University:**
 - * Directed **50+ content productions** (photo/video shoots, social campaigns) reaching **10K+ impressions**
 - * Increased engagement by **40%** across platforms through SEO-optimized content strategies
 - * Managed **15-member creative team**, implementing agile workflows that boosted output by **50%**
 - * Pioneered viral campaign framework that grew follower base by **200%** in 6 months