

# Gursimran Singh

Information Technology Student

Chitkara University, Punjab

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## EDUCATION

### Chitkara University, Punjab

- Bachelor of Computer Applications — Information Technology

2023 – 2026 (Expected)

CGPA: 8.9 (Top 10%)

## EXPERIENCE

### Dhaniverse — Founder & CEO

- Dhaniverse

Apr 2024 – Present

[dhaniverse.in](https://dhaniverse.in) / [GitHub](https://GitHub.com/gursimrxn)

- Awards: WCHL'25 Global Finale Honorable Mention (Top 4/12,000+ globally, \$5,000) — WCHL'25 Europe Regional 3rd Place (\$2,000) — HackMol 6.0 Champion (1st/4,000+ participants, \$600)
- Launched and scaled gamified 2D RPG financial literacy platform reaching 1,200+ users in 2 months; led team through multiple hackathon competitions and product iterations.
- Architected full-stack with React + TypeScript + Phaser 3 frontend; Deno (Oak) + WebSocket real-time multiplayer + JWT auth + MongoDB backend; ICP Rust canisters for decentralized identity and on-chain achievements.
- Engineered ContRAG AI personalization engine (multi-DB: PostgreSQL + MongoDB + vector storage) achieving 5x engagement vs traditional platforms; implemented dual financial simulators with real market data via ICP HTTP outcalls.
- Optimized performance through map chunking, lazy loading achieving 16ms render time (60fps); developed banking ledger, stock market, health/stamina economy, school modules, AI NPCs; maintained 99.9% uptime on Azure + ICP mainnet.

## TECHNICAL SKILLS

- Languages: JavaScript, TypeScript, Python, C++, C, C#, Rust
- Frontend: React.js, Next.js, Angular, Phaser 3, Tailwind CSS
- Backend: Node.js, Deno (Oak), Express.js, WebSockets, JWT, REST APIs
- Databases: MongoDB, PostgreSQL, MySQL, Redis, Prisma ORM, Vector DBs (Weaviate/pgvector)
- DevOps & Cloud: Git/GitHub, Docker, CI/CD, Azure, GCP, Vercel
- Blockchain/Web3: Internet Computer (ICP), Rust Canisters, Internet Identity, Smart Contracts
- AI/ML: LangChain, OpenAI API, Google Gemini, RAG Systems, Embeddings

## PROJECTS

### Agamify GitHub — Live

AI-powered platform for code translation, refactoring, and visualization across codebases, facilitating seamless migration.

- Developed responsive full-stack with Next.js + Tailwind CSS boosting engagement 25%; optimized backend with Prisma + MongoDB improving data retrieval 30%; integrated LangChain + OpenAI for AI-driven transformation across 4+ frameworks.

Tech Stack: Next.js, Tailwind CSS, Prisma, MongoDB, LangChain, OpenAI, Docker, Redis, Stripe, Azure

### Navirate GitHub — Live

Indoor navigation platform providing precise routefinding through complex multi-story buildings using geospatial data.

- Created interactive multi-floor navigation with React + Mapbox accommodating 10+ floors; designed custom A\* pathfinding reducing navigation time 15%; leveraged TypeScript decreasing runtime errors 40%.

Tech Stack: React.js, TypeScript, Mapbox, WebGL, Deno, GeoJSON

## ACHIEVEMENTS

- WCHL'25 Global Finale: Honorable Mention (Top 4 globally, \$5,000) out of 12,000+ hackers with Dhaniverse.
- WCHL'25 Europe Regional: 3rd Place (\$2,000) among top 30 teams in regional competition.
- HackMol 6.0: 1st Place (\$600) among 4,000+ participants from 700+ colleges with Dhaniverse utilizing Phaser, WebSockets, React.js, TypeScript.
- HackTU 6.0: Advanced to Finals with Navirate among 5,000+ participants from 800+ institutions.

## LEADERSHIP EXPERIENCE

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- **President - Computer Society of India, Chitkara University:** Led 30+ technical events engaging 1,000+ students; mentored 100+ students improving coding proficiency 35%.
- **AI Events Lead - Dialogh:** Spearheaded 5 AI workshops and 2 conferences with 200+ attendees, elevating participation 25%.
- **Student Web Developer - Google Developer Groups:** Guided 30+ students in web development achieving 15% increase in project completions and 10% improvement in coding skills.

## CODING PROFILES

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- **LeetCode Profile:** Solved 830+ algorithmic challenges focusing on time and space complexity optimization across data structures and algorithms.