

SHASHANK RAJPUT

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EDUCATION

Bachelor of Engineering in Computer Science and Engineering, Chitkara University 2022 – 2026
Himachal Pradesh, India CGPA: **9.0/10**

SKILLS

Programming Languages	Golang, Java, JavaScript, TypeScript, SQL, C/C++, HTML, CSS
Libraries & Frameworks	MERN, Prisma, BullMQ, Gorm, Gin, Three.js, framer-motion, Material UI, Tailwind
Databases	MongoDB, PostgreSQL, MySQL, Redis
Tools & Platforms	Git, GitHub, Tableplus, Docker, OpenReplay
Other Skills	WebSocket, WebRTC, OOP, CI/CD, WebGL

EXPERIENCE

WizCommerce — **Software Development Engineer** April 2026 – Present

- Architected an asynchronous task orchestration system in React for **bulk AI image processing** (bg removal etc.), enabling **100+ concurrent** image processing tasks and reducing manual catalog processing **time by 85%**.
- Integrated **SAM 2** APIs to build interactive, real-time image cutout tool (**MagicGrab**), implemented coordinate based click-to-mask predictions, reducing manual image resizing and clipping path generation **time by 90%**.
- Contributed to an AI Assistant for **script generation** with **@media-mention** and adaptive **HLS** video streaming.
- Implemented a synchronization workflow **across 2 databases**, ensuring data consistency with rollback-safe deletion and failure recovery.

WizCommerce — **Software Development Engineer Intern** April 2025 – March 2026

- Contributed to building [WizStudio](#) from **scratch** as an **early engineer**, built optimized multi-parameter filtering in FastAPI, multiple ai powered image editors, high-performance user interfaces and integrated **OpenReplay** for faster **RCA** helping grow WizStudio from **0 to \$0.5M ARR** by the end of the internship.
- Built a WebGL-powered multi-layer canvas editor supporting **5+ Generative AI** workflows, **supporting 8K images**, eliminating WebGL context out-of-memory crashes on low-end devices with rendering latency under **100ms** and integrated the editor with **AI-assisted annotation tools** for rendering object coordinates for line drawings, significantly reducing manual annotation effort by **80%**.

Freelancing

- Independently owned 2 freelance projects end-to-end [bharatpups.shop](#) (React, Node, AI search) and [sbefoundation.in](#) (Go) leading design approval, product trade-offs, and cost-conscious decisions for non-technical clients.

PERSONAL PROJECTS

Portfolio: rajputshashank.is-a.dev

ChessV — React.js, Socket.io, Tailwind, WebRTC, Solana DApp, GenAI [Live](#)

Built a real-time multiplayer chess game with **live spectating**, P2P global/private chat, **audio/video calls**, **custom match** creation, move tracking, and live move recommendations with WebSocket-based state synchronization. Integrated **Solana-based** betting and a 3D-designed landing page for enhanced user experience.

Aiksava — MERN, Go, Payment Service, Shipment, CI/CD, Docker, Redis, BullMQ [Live](#)

Built a full-stack platform with complete order lifecycle management, including cart, checkout, authentication, and email workflows with a microservice-based payment system using a **Go payment service**, implementing idempotent payment processing, secure payment flows and **event-driven webhooks** with Shiprocket APIs for **automated shipment** creation and built a **conversational AI agent** enabling users to browse, cart, and place orders entirely through chat.

ACHIEVEMENTS

- Solved more than **750 DSA** problems in Java and Go on [LeetCode](#) with **1720+** contest rating (**Top 12%**).
- Published 2 open-source npm packages with **100+ weekly downloads** (animated counter & feedback component).