

RISHAV ROY

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PROFESSIONAL SUMMARY

Full-Stack Developer building and shipping production web applications with Next.js, React, Supabase, and Python, leveraging AI coding tools (Claude, Codex, Gemini, Kimi K2) to accelerate architecture, development, and code review. Background spans 5.5+ years in business operations leadership, with hands-on technical development running alongside since 2023 and full-time engineering focus since 2025, plus Technical SEO/AEO/GEO optimization.

TECHNICAL SKILLS

Full-Stack Development: Next.js, React, JavaScript, HTML5, CSS3, Tailwind CSS

Backend & Databases: Supabase, PostgreSQL, Python, REST APIs, Authentication (PKCE OAuth), Database Design

AI-Assisted Development: Claude Code, Codex, Gemini, Kimi K2, AI-Assisted Software Development, Prompt Engineering, AI Code Review, AI-Powered OCR Integration

SEO & Performance: Technical SEO, Answer Engine Optimization (AEO), Generative Engine Optimization (GEO), AI Search Optimization, Schema.org Structured Data, Core Web Vitals

Business & Operations: Product Ownership, B2B Sales, Procurement & Logistics, Tender & Contract Management, HR & Recruitment, Compliance Workflows

Tools & Technologies: Git, GitHub, Vercel, OCR (Tesseract), Razorpay, PayPal, ReportLab

COMMERCIAL SOFTWARE PROJECTS

Tea Country Holidays — Solo Full-Stack Developer

Commercial travel booking platform for a travel agency client

- Architected a full-stack travel booking platform using Next.js 14, React 19, Supabase, PostgreSQL, and Tailwind CSS, deployed on Vercel.
- Engineered a custom CMS from scratch so non-technical staff could independently manage 94+ travel packages across 24 destinations without developer support.
- Designed and built the relational database schema from scratch using custom Python scripts, replacing the client's manual record-keeping.
- Closed a server-side authentication gap by implementing Supabase PKCE OAuth for the admin login flow.
- Converted client components to Server Components and added lazy-loading to cut page load times and lift Core Web Vitals scores.
- Automated client-ready PDF itinerary generation with Python ReportLab, replacing manual formatting work.

Gym CRM (IQ Iron Fitness) — Founder & Solo Product Engineer

Commercial CRM solution developed and sold to a local gym

- Designed and sold a custom CRM now used to manage 500+ gym members, with WhatsApp broadcast messaging and integrated trainer assignment.
- Digitized client onboarding using AI-powered OCR document scanning (Tesseract + Claude), removing manual data entry.
- Optimized the CRM to run lag-free on the owner's aging hardware while managing 500+ member records.
- Created a companion Google Apps Script and Google Sheets version to automate email broadcasts without ongoing developer support.

ClashVault — Founder & Solo Product Engineer

Commercial gaming marketplace currently under active development for a Clash of Clans YouTube creator's community

- Architecting an escrow-enabled gaming marketplace with native order management, targeting players across Tier-1 countries and India.
- Integrating Razorpay and PayPal to support secure cross-border transactions across these markets.
- Designing event-automation logic that syncs marketplace offers to live in-game events.

PROFESSIONAL EXPERIENCE

FOIA Specialist – SSB Media Pvt. Ltd.

2025 – 2026

- Submitted 1,500+ public records requests to U.S. law enforcement agencies while maintaining full data accuracy.
- Ran compliance workflows covering identity verification and payment processing for every request.

HR, Administration & Purchase – 3RM Management Limited

2023 – 2024

- Directed HR operations for 30–40 field employees and 8–10 office staff.
- Recruited and hired 15 sales representatives in a 2–3 week window.
- Oversaw INR 4–5 lakh in biweekly operational funds covering procurement and administrative expenses across departments.

Assistant Manager – Yogesh Commercial Pvt. Ltd.

2021 – 2023

- Overhauled documentation processes to speed up internal communication and data retrieval.
- Prepared quotations for rural energy infrastructure projects valued up to INR 5,10,000.
- Allocated approximately INR 8–10 lakh in monthly funds toward sourcing and logistics for active rural energy infrastructure projects.

Founder & COO – Shangrila Enterprise

2020 – 2021

- Began contributing to a family-run commodity trading venture at a young age, later formalizing the role as Founder & COO.
- Grew the venture to INR 3.5 Cr in cumulative turnover over its operating lifetime, with individual transactions as large as INR 1.4 Cr.
- Owned compliance, procurement, and logistics end-to-end as the business scaled.
- Navigated government tender processes to source agricultural commodities including wheat and channa.

EDUCATION

Bachelor of Computer Applications (BCA), Currently Pursuing – Manipal University Jaipur

Senior Secondary (Arts) – Kendriya Vidyalaya, Vikaspuri

LANGUAGES

English (Fluent), Hindi (Fluent), Assamese (Fluent), Bangla (Basic)