

Shubham Rakhecha

Full Stack Software Engineer | Backend, AI & Scalable Systems

Jodhpur, Rajasthan, India | Open to Relocation

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Experience

Skyrekon Private Limited

Feb 2024 – Present

Founder & Software Engineer

Jodhpur, Rajasthan

- Built and delivered **15+ production software solutions** across SaaS, AI, mobile, developer tooling and fintech/blockchain for Indian and international clients.
- Owned products end-to-end across **system design, Node.js/Python backend, REST APIs, databases, testing, deployment, payment integrations and production optimization**; led teams of up to **6 developers**.
- Built **Srealm**, a real-time AI SaaS platform using **NestJS, FastAPI, Python, RAG, SSE and Socket.IO**, with authenticated sessions, persistent conversation state and AI workflows.
- Integrated **Razorpay and Stripe** payment systems and optimized **Skillron** after k6 testing to **500 concurrent VUs**, reducing dashboard p95 latency from **~12s to ~0.5s at 50 VUs with 0% errors**.

Halvi

Jul 2025 – Aug 2025

Technical Lead

Remote

- Led a **4-5 person engineering team**, coordinating technical work, conducting **code reviews** and driving delivery with the founder.
- Contributed to developer hiring and technical evaluation while working hands-on on backend services and React Native development.

Mentem Technologies Pvt. Ltd.

Oct 2023 – Feb 2024

Software Engineer

Jodhpur, Rajasthan

- Developed production applications using **React, Next.js, TypeScript and React Native** across Oblivious, Antigranular, GameCheck and VIP Attractions.
- Modernized React Native components from class-based to functional components and shipped features for an Android/iOS application with **10,000+ Google Play downloads**.

Projects

Srealm | Next.js, React, NestJS, FastAPI, Python, MongoDB, Redis, RAG, SSE, Socket.IO

- Built a real-time AI SaaS platform with **NestJS and FastAPI**, exposing REST APIs for chat, content, scripture, journal and knowledge-base workflows with RAG and persistent sessions.
- Implemented **SSE streaming** and real-time notifications using MongoDB, Redis and Socket.IO with authentication, pagination, unread tracking and asynchronous delivery.

Skillron | Next.js, React, NestJS, MongoDB, Redis, Docker, AWS, LLMs

- Built an AI-powered developer assessment platform with browser-based coding, isolated Docker execution, automated testing and AI code reviews.
- Separated resource-heavy code execution from the API layer using **queued worker-based Docker execution**, enabling asynchronous processing, workload isolation and priority-based execution.

TrustLedger | Next.js, React, NestJS, MongoDB, Solidity, Sonic, ethers.js

- Built an RWA investment platform for renewable-energy assets with **KYC, investor/admin workflows, wallet integration and tokenized investment flows**.

Technical Skills

Languages: TypeScript, JavaScript, Python, SQL

Frontend: React.js, Next.js, React Native, Tailwind CSS

Backend: Node.js, NestJS, Express.js, FastAPI, REST APIs, API Design, WebSockets, Socket.IO, SSE

Databases: PostgreSQL, MongoDB, Redis, SQLite, Prisma

Cloud & DevOps: AWS, Docker, Linux, Nginx, EC2, S3, IAM, CI/CD

Engineering: System Design, Authentication, RBAC, Caching, Queues, Async Processing, Testing, Performance Optimization, Debugging, Code Review

Payments: Razorpay, Stripe, Payment Integrations **AI:** LLM APIs, RAG, AI Workflows

Other: Solidity, ethers.js, Blockchain, Android, iOS

Education

Lachoo Memorial College of Science and Technology

2025 – 2027

Master of Computer Applications (MCA) – Expected 2027

Jodhpur, Rajasthan

Lachoo Memorial College of Science and Technology

2022 – 2025

Bachelor of Computer Applications (BCA)

Jodhpur, Rajasthan