

Rakesh Kumar

Full-Stack Developer — Bengaluru, India — Immediate Joiner

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Summary

Full-stack developer who independently built, deployed, and operates InterviewEra, a production AI mock-interview SaaS with 150+ registered users — owning everything from frontend and backend APIs to the database, payments, and live production debugging.

Technical Skills

Languages: TypeScript, JavaScript (ES6+), Python, SQL

Frontend: React.js, Next.js (App Router), Tailwind CSS, HTML/CSS

Backend: Node.js, Express.js, REST APIs, WebSockets, JWT authentication

Data & Infra: PostgreSQL, Supabase, Redis, Prisma ORM, MongoDB, Git, CI/CD, Vercel

AI & Integrations: LLM APIs, Deepgram STT, ElevenLabs TTS, Razorpay

Core CS: Data Structures & Algorithms, OOP, DBMS, Operating Systems

Experience

InterviewEra — Full-Stack Developer & Founder

Apr 2026 – Present

interviewera.com

Next.js • TypeScript • Node.js • PostgreSQL • Supabase • Redis • WebSockets

- Independently designed, built, and operate the entire production platform end-to-end — owning API design, data modeling, deployment, and live debugging — serving 150+ registered users.
- Engineered a real-time voice interview engine streaming Deepgram speech-to-text and ElevenLabs text-to-speech over WebSockets, with adaptive LLM follow-ups conditioned on the candidate's resume and prior answers, scored on a five-dimension rubric.
- Implemented Supabase Auth with JWT sessions, Redis-backed caching and rate limiting, and a Razorpay credit-based payment flow.
- Shipped 250+ programmatic SEO pages via dynamic Next.js routes and structured metadata — 755 organic clicks and 11.5K+ Google Search impressions within three months of launch.

Projects

ATS Resume Checker

interviewera.com/tools/ats-checker

Next.js • TypeScript • Node.js

- Built a resume analysis tool ingesting PDF/DOCX/TXT files with parsing and structured field extraction (contact, experience, education, skills), returning the extracted data in a structured report.
- Scores resumes on four explainable dimensions (parseability, field extraction, structure, JD match) with ranked fixes, combining normalized skill coverage and semantic relevance for JD matching.

Interview Question Generator

interviewera.com/tools/question-generator

Next.js • TypeScript • LLM APIs

- Built a no-signup generator with four configurable modes (role, pasted job description, topic, company-style), where role, seniority, and domain inputs drive dynamic LLM prompt construction for tagged technical, behavioral, and situational questions.

Education

Master of Computer Applications — Sarala Birla University, Ranchi CGPA: 7.49/10

May 2026

Minor in CSE (Certification Program) — IIT Mandi CGPA: 8.3/10

Dec 2025

Achievements

- Solved 700+ problems on LeetCode across 250+ active coding days.
- 2nd Place — Innovate-A-Thon 3.0 Web3 Hackathon, BIT Mesra.