

Aman Yadav

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SUMMARY

A Full-stack engineer with 2 years of experience in building, shipped production backend infrastructure for a platform serving 20,000+ users, event-driven systems, payment/payout pipelines, and real-time AI applications.

TECHNICAL SKILLS

Backend: Node.js, FastAPI, Express.js, Websockets, Redis(Pub/Sub), REST APIs, socket.io

Frontend: React, Next.js, WebRTC, Tailwind CSS, HTML, CSS

DevOps & Cloud: Nginx, Docker, AWS, Azure, CI/CD, Git & GitHub, Google Cloud Platform

Databases: PostgreSQL, MongoDB, MySQL, Vector Databases, SQLAlchemy, Prisma ORM

AI: LangChain, LangGraph, RAG, OpenAI SDK, LLMs, LiveKit

Languages: Python, TypeScript, JavaScript, SQL, C++, C

WORK EXPERIENCE

Full Stack Engineer

Oct 2025 – July 2026

Crewbella Ecosystems

Hybrid

- Shipped an event-driven backend (Node.js, BullMQ, Redis, Azure Container Apps) processing ticket purchases, payouts, and Razorpay/Meta Cloud API webhooks - using retries, DLQs, and idempotency to eliminate duplicate transaction failures across 8 background workers.
- Built a payout system with Redis locking and idempotency keys, eliminating duplicate withdrawals across 200+ transactions processed monthly.
- Implemented the full production pipeline end-to-end - GitHub Actions CI/CD, Azure Container Registry, Container Apps, Expo builds - shipping releases to Play Console and App Store Connect.
- Built the organizer app (Android/iOS) with QR check-in, real-time socket.io messaging, wallet, and analytics - used to run 20+ live events end-to-end

Full Stack Developer Intern

June 2025 – Oct 2025

GSM Enterprises

Remote

- Integrated 3 new U.S. pet insurance providers into the production platform, processing 300+ policy quotes through the new integrations.
- Built AWS Lambda-based serverless workflows connecting backend REST APIs to deliver a seamless quote-and-policy experience.

PROJECTS

HireFlow - Voice based AI Agent for live interviews

Live | GitHub

LiveKit, WebRTC, LangChain, PostgreSQL, Nextjs, Express, Python

- Architected a real-time voice AI interviewer using LiveKit WebRTC, Azure OpenAI (STT, LLM, TTS), BullMQ, and Redis with adaptive interviews, live transcription, async evaluation, and recording pipeline.
- Built a scalable full-stack platform featuring a multi-source job aggregator using PostgreSQL and Prisma GitHub analysis, skill-based AI interviews, interview analytics, and ATS Resume.

EDUCATION

Government Engineering College, Ajmer

Jaipur, Rajasthan

Bachelor of Technology - Computer Science

Expected June 2028

Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, DBMS, System Design