

MANDEEP YADAV

Indore, Madhya Pradesh

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EDUCATION

B.Tech Computer Science (Information & Cybersecurity)

Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore | CGPA: 7.5

Aug 2023 - Oct 2027

Specialization: Cybersecurity (NCSSS)

EXPERIENCE

Founding Software Engineer (Intern) | [Athletesbnb](#) / [rlxed](#)

Jan 2026 - Present

- Built and shipped RLXED end-to-end: Expo/React Native athlete app (v1.0.0, live on App Store + Play Store), Express + Postgres API (Dockerized Postgres with custom pg pool), and Next.js marketing + admin site (rlxed.com on Cloudflare)
- Shipped voice-first journaling pipeline: Cloudflare R2 voice uploads to AssemblyAI transcription to provider-agnostic AI insights (Gemini/Claude) with weekly/monthly synthesis, gated My Space reflection flows, Better Auth (Google/Apple/email OTP)
- Built invite-only growth loop: beta applications with personal referral codes, Resend transactional emails, and founder admin panel for approvals, users, and referrals
- Own production: Dockerized API on OVH VPS behind Cloudflare Tunnel with isolated prod/staging envs, GitHub Actions deploy-on-merge with DB migrations and health checks, Redis rate-limiting/caching, and observability via OpenTelemetry, Prometheus, and Grafana Cloud with health probes

Full-Stack Developer Intern | [GoReach](#)

Nov 2025 - June 2026

- Built and shipped the admin dashboard and marketing site for a production AI SaaS platform (goreach.in) used by live users, plus a blog CMS with draft/schedule/publish workflow and async media upload pipeline
- Designed and built a standalone Node.js/Express email microservice on AWS SES supporting single, templated, bulk, and spreadsheet-personalized sends, with PostgreSQL audit logging
- Built a BullMQ + Redis queue system with background workers for batched bulk email (configurable batch size/delay), decoupling API responsiveness from send throughput
- Implemented spam-risk scoring combining SPF/DMARC DNS checks, rule-based content scoring, and an LLM-based classifier

President | Abhyudaya Coding Club

Aug 2024 - July 2026

- Led 250+ member coding community; organized workshops, hackathons, and events

PROJECTS

[Dove](#) - Open-Source macOS Voice-to-Text Productivity App | *Swift, WhisperKit, macOS, Next.js*

- Shipped a free, open-source (MIT) macOS menu bar app that converts speech-to-text into polished text and inserts it at the cursor in any application; distributed as signed, notarized releases with in-app update checks
- Built local ASR pipeline with WhisperKit for offline on-device transcription, plus optional LLM polish across 11 providers; audio stays on-device with API keys in macOS Keychain
- Implemented native macOS integrations: global hotkeys, Accessibility-based text insertion, word-by-word typing, focus tracking, and fallbacks to raw transcript or clipboard

[Streamesque](#) - Kafka-Inspired Event Streaming System | *Go*

- Built a single-node, Kafka-inspired event streaming engine from scratch: append-only segmented commit log, custom binary record format, segment rotation, monotonic offsets, and crash-safe offset tracking
- Designed non-blocking HTTP ingest with in-memory batching to decouple producers from disk I/O and downstream consumers
- Built a replay-capable consumer with offset commit tracking for at-least-once delivery and bulk MongoDB sink writes

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript, Python, Go, Java, C++, Swift, SQL
- **Frontend:** React, Next.js, React Native (Expo), Redux Toolkit, Tailwind CSS, shadcn/ui
- **Backend:** Node.js, Express, Spring Boot, REST APIs, Socket.io, LiveKit (learning), Kafka, BullMQ/Redis, microservices, system design
- **Database:** PostgreSQL, MongoDB, Redis, Prisma, Drizzle ORM
- **Cloud & DevOps:** GCP (Compute Engine, Vertex AI), AWS (EC2, SES, Lambda, SQS/SNS, IAM), Docker, GitHub Actions, CI/CD, Linux
- **Security:** OWASP, vulnerability assessment, cryptography, network security

ACHIEVEMENTS

- TryHackMe - Top 3% worldwide among 3M+ users in cybersecurity practice
- Solved 250+ algorithmic problems
- Built solutions across 5 hackathons including Level SuperMind, Void Hacks 6.0, and Hack'Ndhore