

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

- Building RLXED, Athletesbnb's athlete journaling product: voice session logging, AI-generated insights, and My Space practice reflection, on Expo/React Native with an Express + Postgres (Neon, Drizzle ORM) backend
- Shipped multilingual voice-to-text journaling, provider-agnostic AI insights (Gemini/Vertex AI), weekly insight summaries, Google OAuth/JWT auth, and secure voice recording uploads
- Built the rlxed.com marketing site with SEO, plus invite-only beta signup with personal referral codes, transactional email flows, and admin tooling for reviewing applications
- Own deployment: Dockerized backend on a GCP VM behind an HTTPS reverse proxy, with isolated production and staging environments and GitHub Actions pipelines running build checks, deploy-on-merge, health checks, and DB migrations

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, logging every send attempt in PostgreSQL for auditability
- 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 technical initiatives and mentored a 100+ member coding community; organized workshops, hackathons, and competitive programming 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 into polished text and inserts it at the cursor in any application; distributed as signed, notarized releases with in-app update checks
- Built a local ASR pipeline with WhisperKit for offline 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 a non-blocking HTTP ingest layer with in-memory buffering and 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, Framer Motion
- **Backend:** Node.js, Express, Spring Boot, REST APIs, Socket.io, 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, Jenkins, CI/CD, Linux
- **Security:** Web application security (OWASP), vulnerability assessment, cryptography, network security

ACHIEVEMENTS

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