

Narsi Bhati

Software Engineer

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Software Engineer with 3+ years building full-stack products, backend systems, and cloud infrastructure, with depth in Rust and Solana.

EXPERIENCE

Cyphers, Infrastructure Engineer

Remote, UAE

- Own infrastructure end-to-end for **Cyphers**, a privacy-preserving prediction market protocol built on **Solana**, covering deployments, environments, and release pipelines across **Anchor** programs and backend services.
- Manage **RPC and indexing infrastructure** supporting encrypted, verifiable prediction markets running in production.
- Built and operate the **CI/CD, containerization, and monitoring** stack powering the protocol in production.

AudoraLabs, Software Engineer

Remote, India

- Building **Auro**, an all-in-one business workspace for freelancers and teams to manage **invoices, contracts, payments, projects, and payroll** in one place.
- Designed **payroll, leave, time-tracking, and team-scheduling** modules across **Next.js, TypeScript, PostgreSQL**, and **AWS**.

Freelance, Full-Stack Engineer

Remote, India

- Delivered **10+ production applications** across healthcare, hospitality, and SaaS, collectively serving **8,000+ users**.
- Architected a **multi-tenant travel booking platform** powering agency management, booking workflows, and revenue-sharing.

Upam Technologies, DevOps Engineer

Remote, India

- Created **CI/CD (Continuous Integration/Continuous Deployment) pipelines** with **GitHub Actions**, cutting deployment time by **40%**.
- Provisioned and maintained AWS infrastructure with **Terraform**, standardizing environments and reducing configuration drift.

EDUCATION

Master of Computer Applications, Chandigarh University

2022 – 2024

Specialization: Cloud Computing & DevOps

SKILLS

Languages	Rust, TypeScript, JavaScript, SQL
Frontend	React, Next.js, Tailwind CSS
Backend	Node.js, Express.js, Actix (Rust), REST APIs, WebSockets, WebRTC
Blockchain	Solana, Anchor
Database	PostgreSQL, Redis
DevOps	AWS, Docker, Kubernetes, Terraform, GitHub Actions, Nginx

PROJECTS

Autopsy

Github

Solana Transaction Forensics Engine

- Engineered a **transaction investigation engine** for tracing instruction execution, account interactions, and **compute-unit consumption** on **Solana**.
- Integrated **AI-assisted error analysis** and transaction summaries to debug failed transactions.

Semora

Github

Semantic Diff & Security Scanner for Anchor Programs

- Parses two versions of an **Anchor/Solana** program into a normalized **semantic model**, diffs them, and classifies the result as **compatible, warning, or breaking**.
- Surfaces **security regressions** directly (e.g. a dropped signer check) alongside the diff, and is **CI-ready** with terminal, **JSON**, **SARIF**, and markdown reports plus a configurable `-fail-on` severity gate.

Audora

Github Website

WebRTC Recording Platform

- Developed a **WebRTC** platform with custom signaling infrastructure supporting **multi-participant sessions**.
- Implemented a **recording upload pipeline** with cloud-storage integration for reliable media persistence.