Roshan Sahani

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Professional Summary

Full-Stack Software Engineer with strong backend and DevOps experience, building reliable fintech and real-time systems. I own systems end to end, from architecture and API design through cloud infrastructure, CI/CD, observability, and production support. I focus on scalable services, reliable deployments, and operational clarity.

Experience

Software Engineer — Backend & Real-Time Systems Jun 2026 – Present
AMI Industries *Abu Dhabi, UAE*

- Built the software for an offline **LOMAH range-scoring platform**, expanding an older single-target setup to **10–20 concurrent lanes** with advanced sensors, database records, and live scoring over Socket.IO.
- Built the company's first Android remote camera-control app using Kotlin and Jetpack Compose, with multiple RTSP/H.264 feeds through LibVLC and joystick control over UDP.
- Reduced live video latency from **410ms to under 150ms** by optimizing the video pipeline and control flow.

DevOps / Infrastructure Engineer (Contract) Feb 2026 – Jun 2026
XBE *Remote*

- Built **Overseer**, an internal observability platform using Grafana, Loki, and Tempo, centralizing logs and metrics with dashboards and a single place to query production data.
- Collected logs from Render's log endpoint, forwarded them to Datadog and Better Stack, and archived them in Amazon S3.
- Used Vector to buffer and batch logs, preserving queued logs across Overseer restarts for delivery afterward.
- Built an agent to track deployments, bugs, and production activity, report to Slack, and send email alerts for critical events such as p95 latency spikes and database failures.

DevOps Engineer (Contract) Nov 2025 – Feb 2026
Raveum *Remote*

- Owned backend, infrastructure, and delivery for a real-estate investment platform with **four backends sharing a schema** and one main UI serving Investor, Sponsor, and Partner portals.
- Consolidated the codebase into a monorepo with pnpm workspaces for the backends, reducing builds from **10 minutes to under 1 minute**; migrated the backend to TypeScript using the repository pattern.
- Dockerized services and replaced a deploy script with **YAML-defined CI/CD** deploying images from Amazon ECR; maintained **99.9% uptime** and reduced AWS spending by **more than 50%** across the infrastructure work.
- Integrated Stripe, Plaid, and Zuno; used AWS Amplify, Cognito for authentication, and CloudFront for frontend content delivery.

Software Engineer → Backend Engineer / SDE 2 Jun 2023 – Sep 2025
Neokred Technologies *Bangalore, India*

- Built an export service for **30M+ record jobs**, reducing runtime from **8 hours to under 1 hour** at approximately **70% lower cost**.
- Owned bank integrations, including SBI, HDFC, and Axis Bank, for payins and payouts; designed the **chargeback module** within settlement services handling **$50M+ monthly** across **20+ banking partners**.
- Co-designed the **V2 platform rebuild** using TypeScript, Kafka, Redis, and GraphQL, reducing API latency by **50%** at **1M+ monthly transactions**; owned backend delivery after launch.

Software Engineer — Backend Feb 2023 – Jun 2023
Henosis Tech *Gangtok, India*

- Built Angular frontend features and ASP.NET authentication for a production disease-management platform; wrote SQL stored procedures and optimized queries.

Projects

Eleven11 (*App Store*) | Flutter, Supabase, ESP32 — IoT app with OAuth2, encrypted pairing, real-time sync and OTA firmware for smart lamps.

Technical Skills

Languages & Backend: JavaScript, TypeScript, Golang, Kotlin, SQL, Node.js, NestJS, Express, ASP.NET, REST, GraphQL, gRPC
Architecture: Event-Driven, SOLID, Kafka, Redis Pub/Sub, Distributed Systems, Monolith, Microservices, Sidecar, Monorepo (pnpm)
Real-Time & Messaging: WebSockets, Socket.IO, UDP, RTSP/H.264, LibVLC, BullMQ, AWS SQS
Frontend: React, Next.js, Angular, Svelte, Redux, Zustand, React Query, Flutter, Jetpack Compose
Databases: PostgreSQL, MongoDB, Redis, MySQL, Firestore, SQLite, SQL Stored Procedures
Cloud & DevOps: AWS (EC2, ECS, ECR, ELB, S3, Lambda, Cognito, Amplify, CloudFront), Docker, Kubernetes, GitHub Actions, CI/CD
Observability: Prometheus, Grafana, Loki, Tempo, Mimir, OpenTelemetry, Datadog, Better Stack, Vector, Alerting, Slack Integrations
Fintech: Global Payments, FX Reconciliation, Settlement Engines, Stripe, Plaid, Zuno, Razorpay, Bank Integrations
AI: Anthropic API, OpenAI, Opencode, LLM Agents, Prompt Design

Education

IGNOU — BE coursework, Computer Science (distance learning) 2020 – 2023
Tadong Senior Secondary School — Class 12 (CBSE), Information Technology Gangtok, Sikkim | 2018 – 2020
Languages: English (professional), Hindi & Nepali (native), Arabic & French (basic)

Achievements & Certifications

AWS Solutions Architect Associate