

Roshan Sahani

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PROFESSIONAL SUMMARY

Software Engineer focused on turning ideas into reliable, scalable full-stack and platform systems. Strong focus on code quality, system design, and end-to-end ownership from technical design through deployment and production operations.

EXPERIENCE

Software Engineer <i>AMI Industries</i>	Jun 2026 – Present <i>Abu Dhabi, UAE</i>
– Owning end-to-end delivery of a real-time LOMAH shooting-range platform, streaming ballistic sensor data over WebSockets for live shot detection and scoring across 10–20 concurrent shooting lanes and works fully offline. – Cut live camera feed latency from 410ms to under 150ms, making remote camera aiming responsive enough to track moving targets in real time. – Built a lightweight face-recognition flow in Rust, shrinking the packaged app from nearly 1 GB to around 100 MB.	
Software Engineer (Contract) <i>Raveum · XBE</i>	Nov 2025 – Jun 2026 <i>Remote</i>
– Dockerized 4 major services into a unified monorepo with CI/CD pipelines and blue/green deployments, achieving 99.9% uptime and cutting CI build times from 10 min to under 1 min. – Diagnosed and resolved DB and backend bottlenecks across 15+ services, optimizing indexes and tuning Sidekiq workers to eliminate recurring timeout incidents. – Built Overseer, an AI alert triage system on Claude API with Loki/Mimir tooling and a Grafana webhook receiver, surfacing ranked root-cause hypotheses with supporting logs for engineers to confirm.	
Fullstack Engineer (SDE-2) <i>Neokred Technologies</i>	Jul 2023 – Sep 2025 <i>Bangalore, India</i>
– Designed high-throughput fintech pipelines processing 30M+ records per client, cutting runtime from 8 hours to under 1 hour at 70% lower infra cost. – Built core money-movement infrastructure including chargebacks, FX reconciliation, dispute workflows, and a T+1 settlement engine processing \$50M+ monthly across 20+ banking partners. – Architected pub/sub microservices for 20+ partners, supporting 1M+ monthly transactions with 50% lower latency, RBAC, and automated commission tracking. – Mentored junior engineers while maintaining production error rates under 0.5% at scale.	
Jr. Fullstack Developer <i>Henosis Tech</i>	Feb 2023 – Jul 2023 <i>Gangtok, India</i>
– Implemented secure APIs, authentication flows, and database stored procedures for enterprise apps serving 5,000+ users. – Built reusable frontend and backend modules using OOP principles, cutting bug resolution time by 30%.	

PROJECTS

Binder | AI, TypeScript, React Native and Go, PostgreSQL — AI matchmaking platform for manufacturers and businesses; embeds and chunks company profiles to score partner fit, then notifies both sides when a strong match surfaces.

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

codemap (GitHub) | Go, Svelte, TypeScript — Open-source local browser map for Git repositories with code relationship detection, branch/base comparison, recent commit summaries, VS Code file opening, and selected-file AI context generation.

TECHNICAL SKILLS

Backend: Javascript, Golang, Rust, Monolith, Microservices

Architecture: Event-Driven, SOLID, Kafka, Redis Pub/Sub, Distributed Systems, CQRS, Agile

Frontend: React, Next.js, TypeScript, Svelte, Redux, Zustand, React Query, Flutter

Databases: PostgreSQL (ACID, isolation levels, index tuning), MongoDB, Redis, MySQL, Firestore

Cloud & DevOps: AWS (EC2, ECS, ECR, ELB, S3, Lambda), Docker, Kubernetes, GitHub Actions, CI/CD, Blue/Green

Observability: Prometheus, Grafana, Loki, Tempo, Mimir, OpenTelemetry, Datadog, Alerting

Fintech: Global Payments, FX Reconciliation, Settlement Engines, Stripe, Plaid

AI: Anthropic API, OpenAI, LLM Agents, Prompt Design, AI-Assisted Development

ACHIEVEMENTS & CERTIFICATIONS

Google Agentic AI Hackathon 2025 — Top 3.3% globally (2,000 of 60,000+ teams) ·

AWS Solutions Architect Training · HackerRank Skills · JavaScript Algorithms & Data Structures

EDUCATION

TSSS — Information Technology

Gangtok, Sikkim | Jan. 2017 – Feb. 2020