

Sajit Khadka

Software Engineer, Integrations

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Software engineer building integrations and event-driven backend systems on AWS and Kubernetes. Seven years across HR tech, fintech and SaaS.

EXPERIENCE

Software Engineer, Integrations, Perceptyx

April 2026 – Present

- Moving customer data onboarding from a manual, tool-driven process to event-driven webhooks (Faster onboarding)
- Building ingestion on AWS Lambda and SQS with Merge.dev as the HRIS/ATS layer (Self-service setup)
- Managing infrastructure as code with Terraform (Reviewed, repeatable changes)

Software Engineer, Backend, Rakuten

July 2025 – December 2025

- Eliminated 100+ daily processing failures (99.9% reliability)
- Reduced deployment cycle from weeks to hours (Feature flags & A/B testing)
- Validated 10M+ records during card migration (Zero data loss)
- Optimized Lambda handlers for 500K+ daily events (<100ms p95 latency)
- Improved codebase maintainability (35% fewer bugs)

Senior Software Developer, Guhuza

November 2021 – July 2025

- Architected event-driven microservices with Kafka (60% throughput gain)
- Built subscription engine with pricing tiers (40% LTV increase)
- Integrated Stripe with idempotent webhooks (<1% payment failures)
- Optimized MySQL queries and Redis caching (45% faster responses)
- Deployed on Azure Kubernetes Service (99.95% uptime)

Instructor (Part-time), Humber College

September 2023 – December 2024

- Taught backend and mobile courses to students entering the industry (100+ students)

Full Stack Developer, Omadatek

August 2020 – November 2021

- Built admin portals with React and GraphQL (30% faster workflows)
- Developed React Native mobile app (Real-time GPS tracking)
- Designed Node.js APIs with MongoDB (RESTful & GraphQL)
- Optimized GraphQL resolvers (40% response time cut)

Software Developer, ITGlance

January 2017 – August 2018

- Built Spring Boot REST APIs (User management & reporting)
- Designed MySQL schemas (Complex query optimization)
- Implemented Spring Security (Role-based access control)

SKILLS

Languages & Frameworks: Go, Node.js, Java, TypeScript, Spring Boot, NestJS, Express, React, Next.js

Data & Storage: PostgreSQL, MySQL, MongoDB, Redis, Snowflake

Cloud & Infrastructure: AWS, Azure, Docker, Kubernetes, Lambda, SQS, EC2, Terraform

Event Streaming: Apache Kafka, AWS SQS, Redis Pub/Sub, Event-Driven Architecture

DevOps & Monitoring: CI/CD, GitOps, Git, Datadog, SonarQube, GitHub Actions, Argo CD

APIs & Protocols: REST APIs, GraphQL, WebSockets, Webhooks, Merge.dev, Microservices

EDUCATION

Postgraduate Diploma, Information Technology Solutions, Humber College (2019 – 2020)
Bachelor of Engineering, Electronics and Communication, Tribhuvan University (2011 – 2015)