

Santosh Giri

Fullstack Developer | AWS Certified Solutions Architect | AI & Agentic Systems

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Fullstack developer and AWS Certified Solutions Architect – Associate with 4+ years building scalable web and mobile apps with React, Node.js, Next.js, and React Native. I design and ship cloud-backed systems on AWS (EC2, S3, Lambda) and build AI-powered products: agentic systems, RAG pipelines, and LLM features that reach real users. Active open-source contributor.

CERTIFICATION

AWS Certified Solutions Architect – Associate

SAA-C03

Oct, 2026 - Oct, 2029

Amazon Web Services (AWS)

Validated skills in designing secure, resilient, high-performing, and cost-optimized architectures on AWS.

Validation number: e226fedb93494e96b4aeb851535dfb69 | Verify at aws.amazon.com/verification

EXPERIENCE

Fullstack Developer – Blanxer Technology

Onsite

blanxer.com.np / sambad.io / Kathmandu, Nepal

May, 2025 - Present

- Build Sambad, an AI-powered omnichannel platform unifying WhatsApp, Instagram, Facebook, TikTok, Gmail and many more; AI auto-responds and sends product cards in-chat, with human handoff for complex leads.
- Built agentic AI flows that call connected order, CRM, and calendar systems to answer customers in real time across eCommerce, bookings, real estate, and hotels.
- Contribute to a multi-tenant SaaS eCommerce site builder: inventory, POS, order management, custom domains, and the site editor.
- Built messaging integrations with webhooks, Redis, and BullMQ for scalable background processing.
- Tech: MERN, AWS (EC2, S3), PM2, Redis, BullMQ, Webhooks, FCM, REST APIs, LLM APIs.

Fullstack Developer – Techsense

Hybrid

techsense.com.np / Kathmandu, Nepal

Feb, 2025 - Feb, 2026

- Worked closely with Japanese teams on product development, adapting to their business hours and quality standards.
- Built eCommerce platform with features like order/cart management, Esewa payment integration, and Gallimap integration.
- Implemented role-based access control, JWT authentication, and efficient Redux Saga side effects, i18n for internationalization.
- Developed and maintained PostgreSQL schemas using TypeORM with transactional support and migrations.
- Designed responsive UI with Styled Components and ensured consistent error handling across UI/backend.

Mentor & Fullstack Developer – Kharaayo Inc.

Onsite

kharaayo.com / Birtamod, Nepal

Feb, 2025 - Sep, 2025

- Guided interns and students through real-world MERN stack development.
- Conducted live sessions and mentoring on React.js, Node.js, Git, and software design best practices.

React Native Developer – Crystal Solutions

Onsite

crystalsolution.com.np / Birtamod, Nepal

Jul, 2024 - Aug, 2025

- Developed and deployed 3 cross-platform mobile apps using React Native & Expo (bit.ly/3FebFc9).
- Built POS and College Campus apps with offline mode (SQLite), MMKV storage, and file-based routing.
- Implemented navigation, error boundaries, UI optimization, crash prevention, and tailored state management with Zustand.
- Published apps on Play Store and used EAS CLI for smooth updates and releases.

Frontend Developer – Capitech Nepal

capitechnepal.com | Kathmandu, Nepal

Remote

Apr, 2022 - Apr, 2023

- Worked on multi-step forms in a Next.js platform using React Hook Form, Zod, and Tailwind CSS.
- Built responsive UIs, modal systems, and reusable component libraries.

EDUCATION

Bachelor of Science in Computer Science and Information Technology (BSc.CSIT)

Mechi Multiple Campus | Tribhuvan University

Jhapa, Nepal

Apr, 2020 - Jan, 2025

Overall percentage: 74%

PROJECTS

Drishya - URL to Ads video

AI marketing-video SaaS. Scrapes a brand's site for colors, fonts, and logos, writes scripts with Claude and Gemini, generates voiceover, and renders branded promo videos with Remotion on AWS Lambda with S3 storage. Built with Next.js, React, and TypeScript.

drishya.santoshgiri.com.np

Corsair (Open Source Contributor)

TypeScript framework giving AI agents safe, permissioned access to integrations via MCP. Merged 3 PRs: a streaming SSE chat UI with multi-step tool use, per-message token usage and cost tracking, and a Zoho Mail plugin (OAuth2, webhooks).

github.com/corsairdev/corsair

ShareX – E2EE File Sharing Platform

Secure file transfer platform with client-side encryption using AES-GCM and ECDH, with digital signature verification.

sharex-dev.vercel.app

LunaQuake (NASA Space App Challenge)

Interactive moonquake visualization using React, ThreeJS, React Globe, and Python data processing.

lunaquake.vercel.app

Nepali Movie Streaming Platform

Platform with purchase flow, referral MLM system, streaming via Bunny CDN, built using Next.js, PostgreSQL, Prisma, S3, and Esewa integration.

digitalmoviecorner.vercel.app

DAIGI - AI Governance Academy

End-to-end LMS for an AI governance academy (daigi.org): admin course management, student dashboard, SCORM (1.2/2004) playback, payments, progress tracking, exams, and certificates. Built with Next.js, React, TypeScript, and Tailwind.

daigi.org

SKILLS

Cloud & DevOps	AWS (EC2, S3, Lambda) and solution architecture on AWS (SAA-C03), Docker, Redis, CI/CD, Message Queues (BullMQ), PM2
Languages	TypeScript, JavaScript, Python
Frontend	React, Next.js, React Native
Backend	Node.js, Express, PostgreSQL, MongoDB
AI	LLMs, Agentic AI, RAG, MCP

LANGUAGE

Nepali, English, Hindi, German