

KSHITIZ SHRESTHA

Full-Stack Developer | Cloud & DevOps

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PROFESSIONAL SUMMARY

Full-stack developer at Iconiq (Jan 2026 – present), having built and maintaining two production ecommerce platforms end-to-end (frontend, backend, and admin tooling), including one designed and built independently, solo, from database schema to deployment. Paired with hands-on DevOps internship experience and an AWS Solutions Architect Associate certification, covering Linux server administration, cloud infrastructure, and CI/CD support. Clear technical communicator in English and Nepali, experienced documenting systems and issues for both engineers and non-technical stakeholders.

EXPERIENCE

Full-Stack Developer | Iconiqnp

Mar 2026 – Present (Full-time)

- Build and maintain SkinRoutineGlow (skinroutineglow.com), a live production skincare ecommerce platform, across a Next.js 16 / React 19 frontend and an Express 5 / MongoDB backend. Order processing currently supports cash on delivery.
- Independently designed and built Aminu Nepal, a second production ecommerce platform for a Nepali skincare brand, end-to-end solo: Next.js 16 (TypeScript) frontend with a separate standalone admin panel, Node.js / Express backend with Prisma ORM and MySQL.
- Implemented JWT authentication with httpOnly cookies, Cloudinary image pipelines, and transactional email flows (verification, password reset, order notifications) via Nodemailer across both platforms.
- Built full admin dashboards covering products, orders, users, and blog content, including role-based access control (superadmin / editor) on Aminu Nepal and analytics charts (Recharts) on SkinRoutineGlow.
- Worked across both frontend and backend repositories for both products, deployed on Vercel and Render, with Aminu Nepal's backend currently being migrated to AWS EC2.

DevOps Engineer Intern | UBA Solutions

2025 (3 months)

- Monitored cloud infrastructure deployments on AWS, identifying and escalating service issues with clear context and logs.
- Read and interpreted HTTP request logs, error responses, and CloudWatch metrics to diagnose infrastructure problems.
- Documented deployment procedures, handover notes, and issue resolution steps for technical and non-technical audiences.
- Completed an in-house AWS apprenticeship programme leading to the AWS Solutions Architect Associate certification.
- Collaborated with development teams on environment management, communicating issues and status updates clearly.

DevOps Intern | Amnil Technology

2025 (2 months)

- Administered AlmaLinux servers: user management, RBAC, file permissions, service configuration, and system monitoring.
- Performed log analysis using grep, awk, and journalctl to identify root causes of system and service failures.
- Supported CI/CD pipeline operations and documented troubleshooting steps for recurring issues.
- Reproduced and documented environment-specific issues with clear steps, context, and expected vs. actual outcomes.
- Maintained operational runbooks and handover notes across development and operations activities.

PROJECTS

PingKeeper | Personal project

In progress

Server uptime / ping monitoring tool, currently in development.

CERTIFICATIONS

- AWS Certified Solutions Architect, Associate, Adex International, 2025
- Flutter Development (90 hours), Dursikshya, 2023
- UI/UX Design (75 hours), Dursikshya, 2023

EDUCATION

BSc CSIT (Computer Science and Information Technology)

Kathford International College of Engineering and Management, Lalitpur | 2020 – 2024

Higher Secondary Education (Grade 12)

TECHNICAL SKILLS

Languages	JavaScript, TypeScript, Python (basics), Bash
Frontend	React, Next.js, Tailwind CSS, Zustand, Framer Motion
Backend	Node.js, Express, REST APIs, JWT auth, Prisma, Mongoose
Cloud & AWS	EC2, S3, IAM, VPC, CloudWatch, AWS CLI
Linux & OS	AlmaLinux, RBAC, file permissions, systemd, process monitoring, log analysis
Databases	MongoDB, MySQL, PostgreSQL
Networking	DNS, TCP/IP, HTTP status codes, SSL/TLS, network troubleshooting
Tools & Testing	Git, GitHub, Postman, API testing, Cloudinary, Vercel, Render

LANGUAGES

English (professional) • Nepali (native) • Hindi