

Md. Shakil Ahmed

Full-Stack, DevOps & DevSecOps Engineer

CONTACT

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SKILLS

Frontend
Next.js, React, TypeScript, JavaScript (ES6+), Tailwind CSS, HTML / CSS, Technical SEO

Backend
Node.js, Express, REST APIs, NextAuth / JWT, SSLCommerz payments, Redis, Email (Resend), Scheduled jobs (cron)

Databases
MongoDB, Mongoose, MongoDB transactions, MySQL, AWS RDS, Redis, Data modelling

Linux & Servers
Ubuntu, Bash scripting, systemd, cron, SSH key management, Networking (DNS, TCP/IP), Nginx reverse proxy, Let's Encrypt (Certbot), UFW firewall, Fail2ban

Containers & CI/CD
Docker, Docker Compose, Multi-stage builds, GitHub Actions, Jenkins, Amazon ECR

Cloud (AWS & Cloudflare)
EC2, VPC, IAM, S3, RDS, Route 53, CloudFront, CloudWatch, EKS, Cloudflare DNS / CDN, Cloudflare R2

IaC & Kubernetes
Terraform, Ansible, Kubernetes, Amazon EKS, Helm, ArgoCD, GitOps

Monitoring & Reliability
Prometheus, Grafana, Loki, Alertmanager, CloudWatch, Uptime monitoring

PROFILE

Full-stack software engineer and DevOps practitioner who takes products from the first line of code to a monitored production system. Founder and CEO of ZincLoop, where I design, build, deploy and operate SaaS and e-commerce platforms with Next.js, Node.js and MongoDB, on Docker, CI/CD and AWS infrastructure. Experience across Bangladeshi companies and an international (US-based) project. Author of the 408-page book “DevOps for Developers (Bengali Edition)”. B.Sc. in Computer Science & Engineering (2022).

PROFESSIONAL EXPERIENCE

Founder & CEO, ZincLoop — Present
Dhaka, Bangladesh (remote team)

- Founded and lead a technology company building software products, cloud architecture and DevOps solutions.
- Personally cover the full lifecycle: product design, full-stack development, infrastructure, CI/CD, deployment and monitoring.
- Lead a remote team on larger projects, acting as the single accountable point of contact for clients.
- Built and operate ChatAllTime (AI chat automation SaaS), ZincLoop Commerce (POS, inventory and accounting) and TripSip (travel marketplace).

Partner, Barakah IT
Bangladesh

- Worked as a partner in a technology company, combining software development with business and client requirements.
- Delivered automation and scalable-system solutions for real business problems.

Software Engineer, TS4U — After graduation (2022)
Bangladesh

- Joined after completing the B.Sc. degree; worked on varied projects and engineering challenges, which led to a deeper focus on deployment, automation and DevOps.

Remote Developer, US-based project — A few months
Remote, international

- Worked remotely with an international team, gaining experience in an international delivery environment.

Web Designer, then Software Engineer, Antopolis Ltd. — About 2.5 years
Bangladesh

- Began the professional software career here as a Web Designer, during the COVID-19 period.
- Grew from web design into full-stack development with the MERN stack and general software engineering.
- Balanced full-time work with online university studies.

SELECTED PROJECTS

TripSip, Travel marketplace for tours, hotels and flights (tripsip.com.bd)
Next.js 16, React 19, MongoDB/Mongoose, NextAuth, Cloudflare R2, SSLCommerz, Tailwind

- Designed five role-based panels: public site, customer, admin, partner (tour operators/airline agents) and hotel host.
- Built atomic inventory using conditional writes inside MongoDB transactions, preventing overselling under concurrent bookings; unpaid holds are released automatically by a scheduled job.
- Implemented a double-entry ledger with idempotent postings for sales, refunds and partner payouts, with server-side pricing and commission.
- Dynamic admin roles and per-organisation permissions for partner staff.

ChatAllTime, AI chat automation SaaS (chatalltime.com)
Next.js, Node.js, MongoDB, LLM APIs, Docker, AWS

- Multi-channel shared inbox where an AI agent, trained on the customer's own knowledge base, answers conversations around the clock.
- Order capture from chat conversations and per-business channel and agent configuration.

SKILLS (CONTINUED)

DevSecOps
Gitleaks, Semgrep, CodeQL, Trivy, Dependabot, npm audit, SBOM & image signing, Kubernetes RBAC, NetworkPolicy, Pinned CI actions

Product & AI
SaaS architecture, Multi-tenant design, LLM / AI APIs, E-commerce (POS, inventory), Double-entry ledger, GTM, GA4, Meta / TikTok CAPI

Leadership & Writing
Remote team leadership, Technical writing & authoring, Developer training, Client communication

LANGUAGES

Bengali (native)

English (professional working use in client projects and technical writing)

PROFILES

upwork.com/freelancers/~011e0e58bd9a650a3f

fiverr.com/cseshakil

linkedin.com/in/mdshakilahmed8/

SELECTED PROJECTS (CONTINUED)

ZincLoop Commerce, All-in-one e-commerce platform
Next.js, Node.js, MongoDB, Docker, Nginx

- Storefront with a theme editor, point-of-sale, inventory and suppliers, orders and returns, resellers, campaigns and accounting in a single system.
- Configurable payment and shipping settings per merchant.

EDUCATION

B.Sc. in Computer Science & Engineering, Green University of Bangladesh — Graduated 2022

Higher Secondary Certificate (HSC), Science, Dhamrai Government College — 2017

Secondary School Certificate (SSC), Nababer Tambu High School — 2015

PUBLICATION

DevOps for Developers (Bengali Edition). Author. 408 pages (B5), Bengali. Linux, Docker, Nginx, CI/CD, AWS, Terraform, Ansible, Kubernetes, GitOps, monitoring, DevSecOps and real-world SaaS deployment.