

Md. Tausif Hossain

Senior DevOps Engineer (Tech Lead responsibilities) | 5+ years professional

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5+	9	2.3K+	4
YEARS PROFESSIONAL	CLIENT COUNTRIES	ENGINEERS MENTORED	PROMOTIONS IN 2.5 YRS

PROFESSIONAL SUMMARY

Senior DevOps Engineer with 5+ years of professional experience. At DevTechGuru I own production infrastructure end-to-end on AWS (EC2, S3, IAM, CloudFront, Route 53) and built the team's CI/CD pipeline (GitHub Actions, Docker, test-gated merges, trunk-based development) — while also owning the full product lifecycle: translating stakeholder requirements into architecture, driving rollout, and running sprint planning and roadmap alignment. Promoted across four levels from Trainee to Senior Software Engineer in under 2.5 years and now carry tech-lead responsibilities on a Python/Django and TypeScript/Next.js stack, shipping to clients across 9 countries. Instructor at Ostad since 2025. 2,300+ engineers mentored across DevTechGuru and Ostad. Targeting remote Senior DevOps / Platform Engineering roles with real ownership over what ships, not just how it's deployed.

PROFESSIONAL EXPERIENCE

DevTechGuru, Senior DevOps Engineer (Tech Lead responsibilities)

Nov 2021 - Present (4.5+ yrs) · Full-time · Dhaka, Bangladesh

- Architect and operate production systems on AWS (EC2, S3, IAM, CloudFront, Route 53) with self-hosted PostgreSQL and MySQL on EC2; own uptime and infrastructure decisions end-to-end.
- Built and own the team's CI/CD: a test-gated GitHub Actions pipeline (lint, type-check, automated tests as a merge gate), Docker-based builds, trunk-based development, and mandatory pull-request review; set RFC-first design and async written-communication standards.
- Own full product delivery, not just infrastructure: translate stakeholder requirements into architectural decisions and rollout plans; drive sprint planning, retrospectives, and roadmap alignment.
- Promoted across four levels in under 2.5 years (Trainee to Junior to Software Engineer to Senior Software Engineer, Nov 2021 to Feb 2024); now hold tech-lead responsibilities on a cross-functional team (web, backend, mobile) shipping products in HealthTech, PropTech, and enterprise SaaS.
- Delivered to international clients across the US, UK, Canada, Germany, UAE, Saudi Arabia, Australia, Malaysia, and South Africa, working async across 12+ timezones.
- Maintain the technical-interview rubric and engineering-onboarding pipeline; mentor engineers through written design review, pair-programming, and structured code review.

Ostad, Software Engineering Instructor

Jun 2025 - Present (concurrent, part-time) · Remote

- Designed and deliver curriculum for advanced full-stack web and mobile development covering Python, Django, JavaScript, React, and React Native.
- Teach real-world systems drawn from production work shipped at DevTechGuru, so course content stays grounded in current practice.
- Mentor learners through written code review and one-on-one technical coaching; several have gone on to ship to production at companies they had not previously applied to.

DataSoft Systems Bangladesh Limited, Software Engineering Intern

Feb 2021 - May 2021 (4 months) · Dhaka, Bangladesh

- Built a face-recognition attendance management system and a corporate web rebuild during a short pre-graduation internship.

SELECTED PROJECTS

Orthopedic Implant Decision Support System (HealthTech, Clinical AI)

Stack: Electron, Django, OpenCV, PyTorch, YOLOv8, SQLite, WeasyPrint, ReportLab

Clinical decision-support tool that processes orthopedic X-rays to recommend trial implant sizing and positioning. Led system architecture, integrated the in-house ML team's YOLOv8-based detection / segmentation pipeline into a Django/Electron desktop application, and owned the surgeon-facing UX and PDF report generation. Cut pre-operative planning time by ~40%; surgeons reported higher trust because every suggestion is visible, editable, and overridable.

Smart Parking Management System (PropTech, Smart Infrastructure)

Stack: Django, Electron, SQLite, JavaScript, Node.js

Camera-driven parking platform across a 6-story garage with a 75-camera installation, handling 100,000+ vehicles. A unique database constraint on the reservation table catches duplicate bookings before they commit (zero conflicts since launch); a pluggable camera adapter supports multiple hardware vendors.

Estate Link Property Manager (PropTech, Web + Mobile)

Stack: Django, React, React Native, MySQL, AWS, Docker, CI/CD

End-to-end property platform across multiple residential towers, covering billing, maintenance, resident messaging, and role-scoped dashboards for residents, managers, and accountants. RBAC layer enforces data isolation across mixed-tenancy units.

Guru Enterprise System: ERP (Enterprise SaaS, multi-client)

Stack: FastAPI, React, PostgreSQL, event-driven modules, audit logging, AWS, Docker, CI/CD

Event-driven ERP unifying inventory, HR, finance, and operations across 9 departments and 200+ daily users; tax-compliant accounting workflows passed first external audit at 100%.

TECHNICAL SKILLS

Cloud / DevOps:	AWS (EC2, S3, IAM, CloudFront, Route 53), Docker, GitHub Actions, CI/CD, Linux
Practices:	System Design, Code Review, Technical Leadership, Mentoring, Agile/Scrum, RFC-driven Design, async-first remote
Languages:	Python, TypeScript, JavaScript, PHP, SQL
Backend:	Django, Django REST Framework, Laravel, Livewire, REST APIs, event-driven design
Frontend:	Next.js, React, React Native, Tailwind CSS, HTML5, CSS3
Databases:	PostgreSQL (row-level locking, partitioning, JSONB), MySQL, SQLite
Remote Tooling:	Git, GitHub, Slack, Notion, Linear, Loom, written-first communication

EDUCATION

B.Sc. Computer Science & Engineering
Independent University,
Bangladesh (IUB)
2016 - 2021

CERTIFICATIONS

AWS Certified Solutions Architect,
Associate (*in progress, 2026*)

AWARDS

2nd Runner-Up, DIU App Contest 2017, Daffodil International University. Built *AR Doctor*, an AR system using natural feature detection to screen facial skin conditions.