

Md. Tausif Hossain

Senior Full-Stack Engineer | Technical Lead | Open to Remote

Bangladesh (GMT+6) | Overlap: 4h US-East, 6h EU, full APAC/MENA

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PROFESSIONAL SUMMARY

Full-stack engineer and tech lead with 9+ years building production software for HealthTech, PropTech, and enterprise clients across 9 countries. Architects web and mobile systems in Python/Django and React/Next.js on AWS. Leads cross-functional teams through RFC-driven design, async written communication, and structured code review. Targeting remote Senior, Staff Full-Stack, or Tech Lead roles on product-focused teams.

PROFESSIONAL EXPERIENCE

DevTechGuru - Technical Lead

Nov 2021 - Present | Dhaka, Bangladesh

- Lead a 25-engineer cross-functional team (web, backend, mobile) shipping products to clients 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.
- Architect and operate production systems on AWS (EC2, S3, IAM, CloudFront, Route 53) with self-hosted PostgreSQL/MySQL on EC2.
- Established trunk-based development, GitHub Actions CI/CD, and mandatory pull-request review; introduced RFC-first design and async written-communication standards for distributed contributors.
- Own the technical-interview rubric and engineering-onboarding pipeline; mentor engineers via written design review, pair-programming, and structured code review.
- Translate stakeholder requirements into architectural decisions, system specifications, and rollout plans; drive sprint planning, retrospectives, and roadmap alignment.

TechnicalBind - Founder & Tech Lead (concurrent, agency)

Feb 2017 - Present | Bangladesh

- Founded and operate TechnicalBind, an independent software agency, since 2017; deliver web and mobile platforms for clients including a high-traffic university content platform (Django, Next.js, React Native).
- Set technical direction, lead engineering execution, and own end-to-end delivery for client engagements running alongside primary role at DevTechGuru since 2021.
- Shipped React Native apps to Google Play under the TechnicalBind brand: SpendingFlow (personal finance, offline sync) and NoorLock (utility / focus tooling).

Ostad - Software Engineering Instructor (concurrent, part-time)

Jun 2025 - Present | Remote

- Designed and deliver curriculum for advanced full-stack web and mobile development covering Python, Django, JavaScript, React, and React Native.
- Mentor learners through real-world projects, async written code review, and one-on-one technical coaching, lifting completion rates and post-program outcomes.

DataSoft Systems Bangladesh Limited - Software Engineering Intern

Feb 2021 - May 2021 | Dhaka, Bangladesh

- Built a secure web-based attendance management system integrating facial recognition for access control; shipped a modern, responsive corporate web presence.

SELECTED PROJECTS

Orthopedic Implant Decision Support System - HealthTech

Stack: Django, Django REST Framework, React, OpenCV, scikit-image, DICOM, MySQL, AWS

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 segmentation model into a Django/React stack, owned AWS productionization and surgeon-facing UX. Reduces manual estimation and shortens pre-operative planning.

Gated Community Management Platform - PropTech (Web + Mobile)

Stack: Django, Django REST Framework, React, React Native, MySQL, AWS S3, push notifications

End-to-end platform covering visitor management and access control, real-time security monitoring, resident self-service billing, and mobile-first guard tooling.

Smart Parking Management System - PropTech, Smart Infrastructure

Stack: Django, Django REST Framework, React, MySQL, real-time updates, AWS

Real-time parking platform for multi-tenant buildings: predictive availability, automated reservations, payment collection, and operator-facing utilization analytics.

Laboratory Information Management System (LIMS) - HealthTech, Research Automation

Stack: Django, React, MySQL, audit logging, role-based access control (RBAC)

End-to-end sample lifecycle automation - intake, tracking, and result reporting - with audit-trail design and RBAC for compliance in research and diagnostic environments.

Enterprise Resource Planning (ERP) System - Enterprise SaaS, multi-client

Stack: Django, React, MySQL, modular plugin architecture, automated reporting

Modular ERP unifying inventory, HR, finance, and operations; configurable per client; surfaces operational insights and accelerates cross-departmental decision-making.

TECHNICAL SKILLS

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

EDUCATION

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

CERTIFICATIONS

AWS Certified Solutions Architect - Associate (*in progress*)

AWARDS

2nd Runner-Up, DIU App Contest 2017 - Daffodil International University

Built *AR Doctor*, an Augmented Reality system using natural feature detection and tracking to analyze facial features for skin-condition screening.