

Md. Tausif Hossain

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PROFESSIONAL SUMMARY

5+ years building enterprise-grade systems across medical, PropTech, and enterprise domains. Technical Lead who turns complex requirements into **scalable web and mobile products** — leading teams, setting architecture, and shipping software that drives real business outcomes.

TECHNICAL SKILLS

Languages:	Python, PHP, JavaScript, Java, C++
Frameworks:	Django, Laravel, React.js, Next.js, React Native
Frontend:	HTML5, CSS3, Tailwind CSS, Bootstrap, jQuery
Backend & APIs:	RESTful APIs, GraphQL, Microservices Architecture
Databases:	PostgreSQL, MySQL, SQLite
Cloud & DevOps:	AWS, Docker, Git, GitHub, CI/CD Pipelines
Operating Systems:	Linux (Ubuntu), macOS, Windows
Practices:	System Design, Technical Leadership, Code Review, Agile/Scrum

PROFESSIONAL EXPERIENCE

DevTechGuru

Nov 2021 – Present

Technical Lead

- Lead a cross-functional engineering team to design, develop, and deliver scalable software products across web and mobile platforms.
- Collaborate with stakeholders to translate business requirements into detailed technical specifications and system architectures.
- Conduct code reviews, enforce engineering best practices, and drive adoption of Agile/Scrum methodologies.
- Spearheaded delivery of multiple high-profile client projects, directly contributing to revenue growth and improved customer satisfaction metrics.

Ostad

Jun 2025 – Present

Software Engineering Instructor

- Design and deliver curriculum for advanced software development courses covering full-stack web and mobile technologies.
- Mentor and coach students through real-world projects, improving learner completion rates and career outcomes.
- Provide technical guidance on Python, Django, JavaScript, and React ecosystems.

DataSoft Systems Bangladesh Limited

Feb 2021 – Jul 2021

Software Engineer

- Designed and implemented a modern, responsive corporate web presence, improving user engagement and brand visibility.
- Developed a secure web-based attendance management system integrating facial recognition technology for enhanced access control.

EDUCATION

Bachelor of Science in Computer Science & Engineering

2016 – 2021

Independent University, Bangladesh (IUB) | CGPA: 3.02 / 4.00

NOTABLE PROJECTS

Gated Community Management System

PropTech / Smart Living

Web: [Django](#) [React](#) [Python](#) [JavaScript](#) [MySQL](#) [TailwindCSS](#)

Mobile: [React Native](#) [Python](#) [JavaScript](#) [MySQL](#) [TailwindCSS](#)

A comprehensive web and mobile platform that digitizes and automates the full lifecycle of gated community operations. Covers visitor management and access control, real-time security monitoring with automated alerts, resident self-service portals for billing and service requests, and mobile-first tools for guards and administrators. Reduces manual overhead and improves community safety, transparency, and resident experience at scale.

AI-Powered Implant Decision Support System for Orthopedic Care

Medical AI / HealthTech

Tech Stack: [Django](#) [React](#) [Python](#) [JavaScript](#) [MySQL](#) [TailwindCSS](#)

An enterprise clinical decision support tool that applies AI-based image segmentation to analyze orthopedic X-rays and surface precise, data-driven recommendations on trial implant sizing and positioning. Reduces reliance on manual estimation, shortens pre-operative planning time, and improves surgical accuracy — delivering measurable efficiency gains in orthopedic workflows.

Smart Parking Management System

PropTech / Smart
Infrastructure

Tech Stack: [Django](#) [React](#) [Python](#) [JavaScript](#) [MySQL](#) [TailwindCSS](#)

An intelligent parking operations platform for multi-tenant buildings and commercial complexes. Leverages real-time occupancy data and predictive availability logic to guide drivers, automate reservations, and streamline payment collection. Reduces congestion, eliminates manual slot management, and provides facility operators with actionable utilization analytics.

Laboratory Information Management System (LIMS)

HealthTech / Research
Automation

Tech Stack: [Django](#) [React](#) [Python](#) [JavaScript](#) [MySQL](#) [TailwindCSS](#)

An enterprise-grade lab management platform that automates the end-to-end sample lifecycle — from intake and tracking to result reporting. Streamlines workflow automation to eliminate manual bottlenecks, enforces data integrity through structured audit trails, and ensures compliance in high-throughput research and diagnostic environments.

Enterprise Resource Planning (ERP) System

Enterprise Software

Tech Stack: [Django](#) [React](#) [Python](#) [JavaScript](#) [MySQL](#) [TailwindCSS](#)

A modular, cross-platform ERP solution delivered for multiple domestic and international clients, unifying inventory, HR, finance, and operations into a single platform. Incorporates automated reporting and process automation to surface operational insights, reduce duplication, and accelerate decision-making across departments.

HONORS & AWARDS

- **2nd Runner-Up, DIU App Contest 2017** — Developed AR Doctor, an Augmented Reality system leveraging natural feature detection and tracking to analyze facial features and identify potential skin conditions.
- **Annual SECS Awards 2017, IUB** — Recognized for outstanding contributions in research, innovation, and competitive programming.