

MD KHORSHED ALAM

Dhaka, Bangladesh
andgatetech@gmail.com | +8801819646514
LinkedIn: linkedin.com/in/khorshed-alam
GitHub: github.com/andgatetech

PROFESSIONAL SUMMARY

Technical Architect, Engineering Leader, and Founder with 15+ years of experience designing and scaling enterprise-grade SaaS platforms, cloud-native infrastructures, distributed systems, and IoT ecosystems. Founder of Andgate Technologies, architecting multi-tenant cloud POS, eCommerce, and IoT ecosystems for SMEs. Proven expertise in Laravel, AWS, distributed systems, DevOps, MQTT-based IoT systems, scalable SaaS platforms, engineering leadership, and AI-assisted automation systems. Experienced in bridging business strategy with engineering execution across fintech, telecom, recruitment, eCommerce, and business automation domains.

TECHNICAL LEADERSHIP HIGHLIGHTS

- Scaled engineering teams from 4 to 20+ developers
- Architected multi-tenant SaaS and omnichannel commerce systems
- Designed cloud-native and event-driven infrastructures
- Led AWS infrastructure modernization and CI/CD automation
- Built MQTT and ESP32-based real-time IoT platforms
- Led remote and distributed engineering collaboration
- Designed AI-assisted automation and workflow systems

CORE COMPETENCIES

- Distributed Systems Architecture
- Multi-Tenant SaaS Architecture
- Cloud-Native Infrastructure
- Laravel & PHP Backend Engineering
- REST API Development
- Next.js & ReactJS
- AWS, Docker, CI/CD
- MySQL, Redis, Elasticsearch
- ESP32 & MQTT IoT Systems

- AI Automation Systems
- Technical Leadership & Mentorship

PROFESSIONAL EXPERIENCE

Founder & Technical Architect — Andgate Technologies (2025 – Present)

- Founded Andgate Technologies focused on SaaS, eCommerce, AI, and IoT-driven business ecosystems.
- Architected AndgatePOS, a scalable multi-tenant POS and business automation platform.
- Designed real-time IoT management infrastructure using ESP32 and MQTT.
- Architected Hawkeri.com, an integrated eCommerce platform connected with AndgatePOS.
- Led platform architecture, DevOps strategy, CI/CD workflows, infrastructure scalability, and engineering governance.

CTO / Technical Lead — atB Lab Limited & atB Jobs (2019 – 2025)

- Scaled engineering organization from 4 to 20+ developers.
- Led architecture of recruitment platform using Laravel, Next.js, Flutter, and AWS.
- Implemented CI/CD pipelines and infrastructure automation reducing deployment time by 40%.
- Collaborated directly with international and Japanese stakeholders.
- Established technical governance, mentoring, and scalable engineering workflows.

Senior Software Engineer (Remote) — Wanderly (2018 – 2019)

- Worked remotely on large-scale healthcare recruitment marketplace systems.
- Developed Laravel and ReactJS platform modules.
- Improved backend performance and response times by approximately 30%.
- Implemented Algolia-powered search and automation systems.

Senior Software Engineer — Portonics Limited (2016 – 2018)

- Developed telecom and eCommerce systems with high-performance REST APIs.
- Contributed to PCI-DSS compliance initiatives.
- Built and customized WordPress and CMS-based business platforms.

Software Engineer — Kona Software Lab Limited (2013 – 2016)

- Worked on fintech R&D; and payment card industry systems.
- Developed backend services using JavaEE.
- Contributed to cryptography and payment security implementations.

Senior Programmer — Unicorn Software and Solutions (2007 – 2013)

- Developed enterprise business applications using PHP and CodeIgniter.
- Led development for cargo management and eLearning systems.

EDUCATION

- MSc in Software Engineering — Daffodil International University
- BSc in Computer Science — National University, Bangladesh

CERTIFICATIONS

- Professional Scrum Master (PSM I) — Scrum.org
- Entrepreneurship & Business Development — IBA, University of Dhaka

SELECTED TECHNOLOGIES

Laravel • PHP • Java • Next.js • ReactJS • Flutter • AWS • Docker • Redis • MySQL • Elasticsearch • MQTT • ESP32 • CI/CD • Linux • REST APIs • SaaS Architecture • Distributed Systems • IoT Platforms