

ABDULLAH AL JAHID

Senior Software Engineer / Team Lead

Dhaka, Bangladesh
abdullah.al.jahid@gmail.com
+880 1724707969
[LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Senior Software Engineer and Technical Lead with deep expertise in **TypeScript, React, Node.js, C#, and F#**. Early core engineer at **Chaldal (YC S15)**, Bangladesh's largest online grocery platform (1M+ monthly users), where I built the primary web and mobile applications from the ground up and currently lead the **Payments & Integrations** team.

Track record of shipping **high-traffic, production-grade systems**, from customer-facing React/React Native apps to secure payment gateway microservices compliant with **Bangladesh Bank and PCI DSS** standards. Hands-on architect who codes daily, mentors engineers, and drives technical decisions across frontend, backend, and infrastructure.

PROFESSIONAL EXPERIENCE

Chaldal.com (YC S15) 2016 – Present

Team Lead, Payments & Integrations Jun 2024 – Present

- Building a full **PSP (Payment Service Provider) platform** with a 5-engineer team, converting ambiguous regulatory requirements into shippable, compliant product features.
- Delivered **3D Secure** for international cards, reducing fraudulent attempts by ~90% and unlocking global payment acceptance.
- Architected a multi-layer **automated eKYC system** (Liveness + OCR + Face Match) for Chaldal Pay, designed to eliminate manual verification and lower fraud risk.
- Designed scalable, HA-ready **payment gateway microservices** with reliable sync across multiple financial APIs (bKash, Nagad, card networks).
- Led technical preparedness for **Bangladesh Bank licensing and PCI DSS**, passing all major compliance checkpoints.
- Fixed long-standing legacy payment bugs, recovering significant revenue leakage.
- Coordinated directly with banks and PSPs to ensure uninterrupted transaction flow in a security-critical environment.

Senior Software Engineer Jul 2016 – May 2024

- Architected and developed the core **Chaldal.com frontend (React + TypeScript)**, creating a hyper-responsive UX used by millions of customers.
- Built the **React Native mobile app** and established the entire mobile engineering pipeline (CI/CD, OTA updates, release processes).
- Created a proprietary **cross-platform framework (F# + React)** enabling business-logic reuse across Web/Android/iOS, reducing duplicate code by 40%+.
- Rebuilt critical payment modules with **F#**, improving reliability and reducing failures across providers (bKash, Nagad, PortWallet, Braintree).
- Contributed across backend systems (HR, purchasing, logistics, routing, warehouse), unblocking teams and strengthening platform architecture.
- Defined frontend engineering standards (Clean Code, TDD, React architecture), mentoring **20+ engineers** and raising code quality across the org.
- Delivered core components for distributed logistics systems, improving order accuracy, tracking reliability, and operational transparency.

Earlier Career 2010 – 2016

Founder & Lead Developer, Dwetech (Software Agency)

- Founded and ran a software agency, built and shipped **50+ web applications** using **PHP/Laravel, JavaScript, MySQL, and jQuery**, managing the full SDLC from requirements to production.
- Recognized as **BASIS Freelancer of the Year (2011)**, a national award for excellence in software export. Featured in Al Jazeera, Daily Star/AFP, and national TV.

TECHNICAL SKILLS

Languages

TypeScript, JavaScript (ES6+), **C#**, **F#**, Python, SQL, HTML5, CSS3

Backend & Data

Node.js/Express, **.NET (C#/F#)**, REST APIs, GraphQL, **SQL Server**, PostgreSQL, Redis

Architecture

Microservices, Distributed Systems, Event-Driven, HA/Scalability, Domain-Driven Design

Frontend

React (Expert), **React Native**, Next.js, Redux, MobX, Tailwind CSS, Webpack, Vite

Infrastructure & DevOps

Docker, **Kubernetes**, **Azure DevOps** (CI/CD), Azure Cloud, Git, Linux, Nginx

Practices & Quality

TDD (Jest, xUnit, RTL), Code Review, Agile/Scrum, Observability, Security (PCI DSS)

EDUCATION & RECOGNITION

Continuous Learning

Self-directed engineer with a strong track record of mastering complex paradigms: Functional Programming (F#), Distributed Systems, Payment Security (PCI DSS), and modern frontend architecture. Active learner through open-source contribution and hands-on engineering.

Awards & Media

- **BASIS Freelancer of the Year (2011)** , national recognition for excellence in software export.
- International & national media features: Al Jazeera · Daily Star/AFP · ATN News · ATN Broadcast