

Azraf Al Monzim

Platform Engineer · Distributed Systems & AI Infrastructure

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Platform engineer building high-traffic distributed systems and AI-native developer infrastructure. I work primarily with Go, TypeScript, AWS and Cloudflare, focusing on transactional correctness, real-time coordination, multi-tenant platforms and reliable production operations.

EXPERIENCE

Platform Engineer Oct 2024 – Present
Edusoft Consultants Ltd. · Dhaka, Bangladesh

- Engineered and operate **UCAM Cloud**, United International University's course-registration platform, which served **3.6 million requests in the busiest hour** of Spring 2026 section selection and placed **27,760 course seats** in Summer 2026 with no overselling observed.
- Built Go services on AWS Lambda, DynamoDB, SQS FIFO, Redis/Valkey and WebSockets for **transactional seat-capacity checks**, ordered asynchronous processing and live seat updates.
- Built grant-management and recruitment systems for institutional clients: reviewer assignment, payments, document generation and audit trails.

Research Assistant Jan 2026 – Present
Institute for Advanced Research, United International University · Dhaka, Bangladesh

- Developed **HireLens**, an AI-assisted CV assessment research prototype: document parsing, configurable criteria, structured scoring and candidate comparison.

Software Engineer / Mobile Developer Aug 2023 – Jul 2024
SoftNursery · Remote

- Built Go and Node.js backend services and Flutter mobile features for SaaS products, including authentication, cloud integrations and AI-assisted social publishing.

SELECTED WORK

Atlas — AI-native developer environment tryatlas.cc · github.com/pacificio/atlas
Backend lead · agent, infrastructure & web app

- Lead Atlas's proprietary backend: designed its **system architecture** and built the **Atlas agent**, cloud infrastructure and web app.
- Built the **team sync platform** on Cloudflare: organization-scoped real-time state, authentication and device authorization.
- Merged upstream fixes for streaming chat rendering (#245) and editor syntax highlighting (#93).

Buyziz — Multi-tenant commerce platform buyziz.com
Founder · platform engineering

- Architected the platform on Cloudflare Workers with **database-per-merchant isolation** in D1, so each store's data, migrations and failures stay contained.
- Built store provisioning on durable, retryable Workflows and Queues, with each customer conversation's state in its own Durable Object.

OPEN SOURCE

- DocPipe** — Go HTML-to-PDF service with a reusable headless-Chromium pool and API-key controls.
- DumpStation** — Scheduled PostgreSQL backup and restore with retention and S3-compatible storage.
- muxc** — Daemonless Go CLI/TUI for managing Claude Code sessions in tmux.

CORE TECHNOLOGIES

Languages	Go, TypeScript, Rust, SQL, Bash
Cloud	AWS (Lambda, DynamoDB, SQS, EC2, S3, CDK); Cloudflare (Workers, Durable Objects, D1, R2, Queues, Workflows)
Systems	PostgreSQL, Redis/Valkey, WebSockets, Docker, Kubernetes, GitHub Actions, CI/CD
AI	LLM tool calling, MCP, RAG, AI Gateway, model integrations

EDUCATION & RECOGNITION

B.Sc. in Computer Science & Engineering Oct 2022 – Present
United International University, Dhaka

- IC6 Champion** — UIU Innovation Hub Program · 2025 · Team Lead (Spendo AI)