

REDOWAN DELOWAR

Senior Software Engineer | Platform, Backend & Distributed Systems

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Senior Software Engineer with 8+ years building and operating production systems. Started as a product engineer and now builds the platform infrastructure that teams across Wolt and DoorDash rely on. Owns systems end to end, including on-call and incident command, and is drawn to how distributed systems fail at scale. Writes at rednafi.com (20k+ monthly readers).

EXPERIENCE

WOLT, A DOORDASH COMPANY

Oct 2023 - Present

Senior Software Engineer | Berlin, Germany

Platform engineer for the shared data and observability infrastructure that product teams across Wolt and DoorDash build on. Also shipped product backend on the merchant side and served on its SRE rotation.

- Own the Cassandra platform shared by Wolt and DoorDash: a control plane product teams use to provision, scale, repair and recover multi-region clusters on their own, and a Go data plane that gives every client one path for authorization, traffic control and query observability.
- Migrate product teams across Wolt and DoorDash from their own databases onto one multi-tenant database that runs active-active across regions.
- Operate the platform against SLOs the team defined, with infrastructure as code, automated rollouts and rollbacks, and scheduled backup, restore and regional failover drills.
- Worked on Wolt's centralized log platform, built on OpenTelemetry, Vector, Kafka and ClickHouse after observability moved off Datadog. Ran the cost and maintenance analysis that put its storage on ClickHouse Cloud rather than self-hosted clusters.
- Built and ran backend services on Kubernetes for Wolt Drive, the delivery-as-a-service product operating in 32 European countries, and owned the support backend and a set of internal gRPC services (Go, Python, TypeScript).
- Traced tail latency in the shared job queue to head-of-line blocking and split latency-sensitive jobs onto their own Go worker tier, bringing p99 job-start latency down for every team on the queue.
- Incident commander on the Merchant SRE rotation: ran cross-team response for merchant-facing outages and owned the reviews and follow-up work.
- Review other teams' data-layer designs before they ship, mentor engineers and sit on the interview loop for Go, backend and distributed-systems roles.

DENDI

Sep 2020 - Jul 2023

Software Engineer | Remote (US)

Product engineer on a laboratory information system processing 100k+ orders a day. Grew from feature work into owning the integrations and platform tooling around it, and the production support that came with them.

- Designed the webhook dispatcher that pushes test results to 90+ diagnostic centers, with retries and dead-lettering so a failing endpoint on the customer side never loses a result (Go, SQS, PostgreSQL, Lambda).
- Moved job execution out of the Django monolith into a Kafka-backed orchestration service that deploys and scales independently of it (Python, FastAPI).
- Connected a fleet of medical instruments in customer labs to the backend, with Go agents running on the instruments themselves.
- Shipped the Python and Go client tooling engineers used to work with time-series instrument data.

SHOPUP

Sep 2018 - Aug 2020

Software Engineer | Dhaka, Bangladesh

Engineer on the lending team, owning the data pipelines and backend tooling behind loan decisions.

- Owned the CDC pipeline (PostgreSQL, Kafka, Snowflake) behind the lending team's near-real-time analytics.
- Automated credit-eligibility decisions for microloans (Flask).
- Wrote the internal and developer tooling the data and lending teams worked from (Python, FastAPI, Flask, Django).

SKILLS

Languages	Go, Python, TypeScript, SQL, Kotlin
Infrastructure	AWS (EKS, EC2, S3, Lambda, IAM), Kubernetes, Terraform, Envoy, Nginx
Messaging & RPC	Kafka, RabbitMQ, SQS, gRPC
Observability	OpenTelemetry, Grafana, Datadog, Vector
Data & storage	Cassandra, PostgreSQL, ClickHouse, DynamoDB, MongoDB, Elasticsearch, Snowflake
Reliability	SLOs, On-call, Incident command, Disaster recovery, Capacity planning
AI tooling	Pi, omp and OpenCode harnesses with Anthropic, OpenAI and Google models

OPEN SOURCE & COMMUNITY

- Creator and maintainer of [fastapi-nano](#) (1k+ GitHub stars) and several Go and Python developer tools.
- [Spoke at GDG Berlin](#) on Go interface segregation and joined the [Cup o' Go podcast](#) to discuss Go design and dependency injection.

EDUCATION

AHSANULLAH UNIVERSITY OF SCIENCE & TECHNOLOGY

2014 - 2018

BSc, Electrical & Electronic Engineering | Dhaka, Bangladesh