

Marcus Hale

Backend Lead — Payments Platform

CONTACT

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github.com/mhale-pay

SKILLS

Go · Kafka · PostgreSQL

Kubernetes · distributed systems

idempotency · on-call

CERTIFICATIONS

CKA — Certified Kubernetes Administrator
(2022)

EDUCATION

BSc Software Engineering,

TU Delft (2014)

Candidate ID: CAND-02

Profile

I am a backend lead with 9 years building payment and fraud systems at scale. I care about correctness under load — idempotency, exactly-once semantics, clean failure modes — and back decisions with measured outcomes.

Experience

Backend Lead — Tindel Pay *Mar 2019 – Present*

- Built and own the real-time fraud-scoring pipeline processing 4,000 txns/sec.
- Held 99.99% uptime across two regions over 3 years; led the on-call rotation.
- Designed an idempotent payment-intent service on Kafka + sharded Postgres.

Senior Backend Engineer — Halcyon Bank *2016 – 2019*

- Owned the card-authorization service; cut p99 auth latency 180ms → 70ms.

Selected Incidents & Operational Scope

- Led the 2024 region-failover that held card auth at 99.98% during a full AZ outage.
- Author of the payments incident runbook; cut Sev-1 acknowledgement to under 4 min.