Joke Jordan

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Skills

Backend & Languages

- Go (standard library first: context, net/http, database/sql, generics; profiling with pprof)
- Rust (tokio, axum, tracing, serde; FFI basics with cbindgen)
- Python (SRE/automation tooling), Bash
- SQL (PostgreSQL): indexing, query plans, partitioning, VACUUM/ANALYZE hygiene

Cloud & Orchestration

- AWS (ECS/Fargate, EKS, EC2, ALB/NLB, IAM, VPC, S3, CloudFront, RDS/Aurora)
- Containers (Docker/BuildKit, multi-stage builds, OCI, GHCR/ECR)
- IaC (Terraform/OpenTofu/Terragrunt, tflint, tfsec, drift detection)

Observability & Reliability

- OpenTelemetry (traces/metrics/logs, OTLP exporters, manual + auto-instrumentation)
- Observability stack: Prometheus, Grafana, Tempo, Loki, Mimir, CloudWatch
- SLO/SLI design, error budgets, incident response; p95/p99 latency tuning
- Performance analysis: pprof, eBPF/bcc, flame graphs, Rust tracing spans

Platform & Tooling

- CI/CD (GitHub Actions, ArgoCD/Flux; canary & blue-green, progressive delivery)
- Security (least-privilege IAM, IRSA, OPA/Gatekeeper, supply chain: SBOM, cosign)
- Networking (HTTP/2, gRPC, mTLS, service mesh: Istio/Linkerd)

Experience

Dummy Stub Inc. – Software Engineer

Freelance

📅 Jul 2025 – Present   📍 Remote

Led container platform modernization and observability standardization across Go/Rust services. Reduced API p95 latency by **35%** for a multi-billion-request/month estate.

- Planned ECS (Fargate) → EKS migration; phased stateless workloads first. Split ALB/NLB data paths to increase peak throughput **1.4×**.
- Rolled out OpenTelemetry SDKs (Go/Rust) with Tempo/Loki backends; established service-level traceability and cross-service root cause workflows.
- Defined SLOs (availability/latency/error rate) and an error-budget release gate.
- Used pprof + eBPF to find CPU hot paths; refactored middleware to zero-alloc, improving p95 by **35%**.
- Re-structured Terraform monorepo by env/region; enforced tflint/tfsec in CI and added drift detection.

Mock Spy Co., Ltd. - Software Engineer

Permanent

📅 Apr 2022 - May 2025   📍 Tokyo, Japan | Hybrid

Owned high-traffic Go microservices and embedded an observability-first culture; cut MTTR by **60%**.

- Standardized dual-stack APIs (gRPC + JSON). Adopted connect-go for protocol compatibility.
- Combined OTel auto-instrumentation with hand-crafted spans to expose N+1 patterns; reduced DB query volume **40%**.
- Shipped blue-green on ECS with WAF staged rules; auto-rollback via CloudWatch → EventBridge → Lambda.
- Built CI matrices (Go/Rust/lint/SBOM) on GitHub Actions; reduced build time **30%**.
- Re-partitioned Aurora PostgreSQL and redesigned indexes; report query p95 from **2.1 s → 480 ms**.

Fake Inc. - Software Engineer

Permanent

📅 Apr 2018 - May 2021   📍 Kyoto, Japan | Hybrid

Gradually decomposed a monolith to Go services with operational simplicity as a first-class goal.

- Extracted Rails features into Go services behind an API gateway for incremental migration.
- Moved logging from CloudWatch Logs to Loki; standardized structured logs with trace_id/span_id/req_id.
- Introduced SLOs and on-call runbooks; accelerated first-response and lowered MTTR.
- Codified VPC/ALB/RDS with Terraform; eliminated manual changes.

Education

Bachelor of Pharmaceutical Sciences

Tokyo University of Test Doubles, School of Pharmaceutical Sciences

📅 Apr 2013 - Mar 2017   📍 Chiba, Japan

Certifications

- AWS Certified Solutions Architect - Associate (Active)
- Applied Information Technology Engineer (Dec 2022)
- AtCoder: Rating 914, Green tier (ID: jokejordan)
- TOEFL iBT: 81 (Jan 2020)

Languages

- Japanese: Native
- English: Business

Additional Information

- HHKB enthusiast