

Mansur Ahmed al-Jundubi

DevOps Engineer — Linux, Kubernetes & Cloud-Native Infrastructure

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github.com/jundmz · linkedin.com/in/majund · jundmz.dev



scan → jundmz.dev

SUMMARY

Networking and computer engineering student with hands-on experience building and operating cloud-native infrastructure on Linux. Designed and shipped an end-to-end DevOps pipeline — containerized application, infrastructure-as-code provisioning, Kubernetes deployment, observability, and CI/CD — using Docker, Kubernetes, Helm, OpenTofu, Prometheus/Grafana, and GitHub Actions on a fully declarative NixOS environment. Fast, self-directed learner with strong research and problem-solving instincts, seeking a junior DevOps, platform, or SRE role.

TECHNICAL SKILLS

Operating Systems: Linux (Ubuntu, NixOS), CLI administration

Containers & Orchestration: Docker, Kubernetes, Helm, kind

Infrastructure as Code & Config: OpenTofu / Terraform, NixOS declarative config, Nix flakes

CI/CD & Automation: GitHub Actions, GHCR, Bash / Python scripting, systemd timers

Observability: Prometheus, Grafana, Alertmanager

Cloud: Familiar with AWS, GCP, and Azure free-tier deployment (hands-on, learning to depth)

Programming & Scripting: Python, Bash, JavaScript (learning Go)

Networking: VPN, VLAN, firewalls, TCP/IP fundamentals

PROJECTS

Mini AI Inference Platform — Cloud-Native DevOps Pipeline github.com/jundmz/tinfer

- Built and deployed a containerized ML inference API (Python / FastAPI) to a multi-node Kubernetes cluster (1 control-plane + 2 workers), using pod anti-affinity and topology-spread constraints to distribute replicas across nodes.
- Provisioned the cluster and in-cluster resources as code with OpenTofu / Terraform, and packaged the application as a parameterized Helm chart (configurable image tag and replica count).
- Implemented end-to-end observability with Prometheus and Grafana (request rate, p95 latency, error rate) plus an Alertmanager alert rule, and authored an incident-response runbook.
- Built a CI/CD pipeline in GitHub Actions: automated image build, test, and push to GHCR, with an ephemeral-cluster deploy-validation step.
- Authored a health-check automation script (Python / Bash) scheduled via systemd timer; managed the full toolchain reproducibly with NixOS and Nix flakes.

Full-Stack Web Application — Self-Hosted Deployment

- Built and deployed a full-stack web application (Svelte / JavaScript); experimented across multiple database platforms and self-hosted on local servers — early hands-on exposure to deployment, data-layer tradeoffs, and running self-managed infrastructure.

EDUCATION

Bachelor of Networking and Computer Engineering — University of Jeddah

Completed 3 years of coursework; paused to focus on hands-on infrastructure work.

LANGUAGES

Arabic (native) · English (professional working proficiency)