

Alex Gerlitz

Remote AI Automation / Backend / DevOps Engineer

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Portfolio: alexgerlitz.github.io/AlexGerlitz

AI proof: github.com/AlexGerlitz/ai-ops-workflow-kit

GitHub: github.com/AlexGerlitz

Main case: alexgerlitz.github.io/AlexGerlitz/drivedesk-ai-operator.html

SUMMARY

Remote AI automation, backend/platform, and DevOps engineer building toward DriveDesk AI Operator: operations workflows, integrations, AI/RAG automation, deployment paths, health checks, docs, and recovery procedures.

I use AI as an engineering multiplier, but delivery stays inspectable through code, logs, tests, smoke checks, CI, docs, and operational handoff.

TARGET WORK

- Remote-only backend, platform, DevOps, and AI automation roles.
- AI sales/support workflows around RAG, transcript analysis, lead scoring, approvals, and CRM actions.
- AI / operations automation work around workflows, APIs, integrations, docs, metrics, and human oversight.
- Internal tools, admin panels, CRM/ops MVPs, business process automation, and RAG projects.
- Integration adapters, deployment paths, health checks, backups, observability, and recovery workflows.

CURRENT EXPERIENCE

AI Automation & Digital Infrastructure Engineer Autoschool54 / DriveDesk direction

Remote, March 2024 - Present

- Support live business workflows across admin/operator processes, documents, schedules, payments, accounts, access, and troubleshooting.
- Translate unclear non-technical problems into technical actions, checklists, repeatable workflows, and documentation.
- Use LLMs daily for domain learning, debugging, scripting, implementation review, docs, and root-cause analysis.
- Verify AI-assisted output through inspection, tests, logs, smoke checks, docs, and hands-on review before shipping.

PUBLIC PROOF PROJECTS

DriveDesk AI Operator - alexgerlitz.github.io/AlexGerlitz/drivedesk-ai-operator.html

Main flagship case direction: call/transcript/document/CRM lead ingestion, RAG, call-analysis JSON, Telegram approval, and auditable CRM adapter action.

Stack: FastAPI, PostgreSQL/pgvector, RAG, n8n, Telegram, CRM adapter, Docker, CI.

DriveDesk Core - github.com/AlexGerlitz/drivedesk-core

Backend/platform foundation: tenants, RBAC, audit/outbox, workers, adapter boundaries, OpenAPI, CI, docs, and public demo.

Stack: Python, FastAPI, PostgreSQL, Alembic, Docker Compose, pytest, OpenAPI.

AI Ops Workflow Kit - github.com/AlexGerlitz/ai-ops-workflow-kit/blob/main/docs/OFFER_DEMO.md

One-command AI workflow demo: RAG, transcript analysis, lead scoring, approval queue, mock Bitrix CRM handoff, deterministic tests, Docker, n8n, and Telegram boundaries.

Stack: FastAPI, PostgreSQL, pgvector-ready storage, Docker, n8n, Telegram.

DeployMate - github.com/AlexGerlitz/deploymate

Self-hosted deployment control panel direction: Docker apps, VPS/SSH tooling, CI/CD, health checks, logs, runbooks, and release discipline.

Stack: FastAPI, Next.js, PostgreSQL, Docker, SSH, CI/CD.

CORE SKILLS

- Backend/platform: Python, FastAPI, PostgreSQL, Alembic, OpenAPI, pytest, service contracts.
- AI workflows: LLM/RAG systems, document/transcript processing, call analysis, scoring, routing, approvals, operator handoff.
- Integrations: APIs, webhooks, custom databases, CRM/ERP/accounting/banking boundaries, mapping, validation.
- DevOps/self-hosting: Docker Compose, GitHub Actions, release gates, health checks, logs, backups, smoke checks, recovery thinking.
- Product execution: clarify messy requirements, scope a working slice, verify it, document it, and leave an operation path.
- English: technical documentation, async writing, and engineering communication.

EDUCATION

Novosibirsk State Technical University (NSTU) - Applied Informatics, 2025 - Present.