

PETRO (PETER) ZHURBA

Senior DevOps & AI Automation Engineer

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Portfolio: ai.pzhurba.com/en/ | GitLab: gitlab.pzhurba.com/pzhurba

PROFESSIONAL SUMMARY

Senior DevOps & AI Automation Engineer with 10+ years of DevOps and infrastructure experience and 20+ years in systems administration. Strong background in Linux, infrastructure automation, CI/CD, containers, virtualization, networking, observability, and customer-facing delivery. Current focus: AI-assisted engineering with ChatGPT and Codex, using Git-based, RFC-driven workflows to design, modernize, verify, and operate software and infrastructure projects.

CORE EXPERTISE

AI-assisted engineering: ChatGPT, Codex, RFC-driven delivery, Git-based review

Infrastructure as Code: Terraform, Ansible, Jinja, YAML

Containers & platforms: Docker, Docker Compose, Kubernetes

CI/CD & source control: GitLab CI, Jenkins, Git workflows

Linux & automation: Debian, Ubuntu, CentOS, Bash, Python, PowerShell

Observability: Prometheus, Grafana, Loki, alerting, incident response

Virtualization: Proxmox, KVM, VMware ESXi, Hyper-V

Networking & edge: WireGuard, OpenVPN, VLAN, routing, Nginx reverse proxy

SELECTED PUBLIC ENGINEERING PROJECTS

JobRunner (2026) - *FastAPI, PostgreSQL, Docker SDK, Prometheus, Loki, Grafana, Nginx*

- Built a web platform for controlled execution of Docker-based jobs with live logs, lifecycle management, history, result handling, cloning/restart workflows, and observability integration.

<https://gitlab.pzhurba.com/pzhurba/jobrunner>

Scraper (2026) - *Python, Playwright, Docker*

- Created a Dockerized public-data collection tool for Google Maps search results, optional website enrichment, structured JSON output, and execution metrics integrated with JobRunner.

<https://gitlab.pzhurba.com/pzhurba/scraper>

Codex1 (2026) - *Terraform, Ansible, Hyper-V, Docker, PowerShell*

- Developed a reproducible Terraform + Ansible toolkit for Windows 10 / Hyper-V environments, including dynamic inventory generation and containerized Ansible execution.

<https://gitlab.pzhurba.com/pzhurba/codex1>

Proxmox Read-only Diagnostics (2026) - *Proxmox, Linux, Bash, diagnostics*

- Created a read-only diagnostic toolkit for collecting infrastructure state without changing the target environment, intended for safe audits and remote troubleshooting.

<https://gitlab.pzhurba.com/pzhurba/proxmox-readonly-diagnostics>

AI Journey (2026) - *AI-assisted development, Git, RFCs, documentation*

- Documented the evolution from prompt-based collaboration to repository-aware agents, including lessons on version control, bounded RFC tasks, verification, and regression safety.

<https://gitlab.pzhurba.com/pzhurba/ai-journey>

PROFESSIONAL EXPERIENCE

DevOps Engineer - WiserBrand | *Apr 2020 - Sep 2025*

- Operated virtualization hosts and internal infrastructure for development teams; maintained availability, secure access, monitoring, backup, and recovery.
- Developed and maintained GitLab CI and Jenkins pipelines and improved deployment repeatability through automation.
- Provided production troubleshooting, root-cause analysis, networking support, and operational documentation.

DevOps Engineer - Grid Dynamics | *Feb 2017 - Mar 2020*

- Automated deployments and environment management using Ansible and Terraform.
- Built and supported development/staging infrastructure and CI/CD pipelines for multiple application teams.
- Provided L2 production support and collaborated with developers on fixes, release readiness, estimation, and sprint planning.

Deployment Engineer - Mirantis | *Dec 2012 - Oct 2016*

- Delivered customer-facing deployments and supported OpenStack-based infrastructure projects for enterprise clients.
- Built deployment automation, improved Puppet modules and operational tooling, and troubleshoot complex infrastructure and product issues.
- Worked with globally distributed teams and contributed maintenance updates and technical documentation.

Head of IT Department - NEO Service Center | *Feb 2003 - Nov 2012*

- Designed and operated mixed Windows/Linux networks, IP telephony, video surveillance, and access/security systems.
- Migrated services to VMware ESXi and KVM virtualization and introduced backup and recovery procedures.
- Built internal business applications and supported business users.

EDUCATION

National Aerospace University "Kharkiv Aviation Institute" - Computer Systems and Networks

LANGUAGES & WORK AUTHORIZATION

English - B2 (Upper-Intermediate, EF SET Certificate 2020) | Bulgarian - Elementary

Ukrainian citizen. Temporary Protection in Bulgaria; eligible to live and work in Bulgaria.

PUBLIC LINKS

Portfolio: <https://ai.pzhurba.com/en/>

GitLab profile: <https://gitlab.pzhurba.com/pzhurba>

LinkedIn: <https://www.linkedin.com/in/peter-zhurba-b1256a1a5>

Personal site source: <https://gitlab.pzhurba.com/pzhurba/personal-site>