

Pipiasi *Bogdan*

Junior DevOps Engineer

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Near Rome, Italy

PROFILE

Self-taught infrastructure and software engineer with 15+ years building and operating internet-facing systems, from large-scale game-hosting platforms to production Kubernetes environments. Currently freelancing while formalizing that experience through structured DevOps training, and using AI tooling day-to-day to move faster across infrastructure and coding work. Looking to move into a full-time DevOps role.

SKILLS

DevOps &
Infrastructure

Containers & Orchestration

Docker Kubernetes (K3s, GKE, EKS) Docker Compose Helm HPA Zero-Downtime Deployments

DevOps &
Infrastructure

IaC & GitOps

Terraform HCP Terraform GitHub Actions (OIDC) Ansible Argo CD Jenkins
CI/CD Pipelines Configuration Management

DevOps &
Infrastructure

Cloud & Networking

AWS (EC2) Linux (Ubuntu, CentOS) Google Cloud (GKE, Artifact Registry) nginx Apache
Cloudflare (Tunnel, Zero Trust) Proxmox VMware / ESXi KVM / libvirt TrueNAS Bash
DNS Management Firewall Configuration VPS / self-hosting

DevOps &
Infrastructure

Observability

Prometheus Grafana kube-prometheus-stack Watchtower Monitoring & Alerting
Metrics & Dashboards

DevOps &
Infrastructure

Security

HashiCorp Vault External Secrets Operator Trivy pip-audit Workload Identity Federation
IAM & RBAC Secrets Management TLS/SSL Container Image Scanning CVE Remediation
AES-256-GCM

DevOps &
Infrastructure

AI & Automation

Claude Code MCP Ollama Playwright n8n Browser Automation Chrome DevTools Protocol
AI-Assisted Development Workflow Automation

Programming &
Development

Backend

Python JavaScript PHP Node.js Go Rust C++ FastAPI Express Django REST APIs
Microservices Socket.IO OAuth PKCE Shell Scripting MVC Architecture API Development

Programming &
Development

Frontend

React TypeScript HTML CSS JavaScript Tailwind CSS jQuery Electron Tauri 2
Single Page Applications (SPA) Desktop App Development

Programming &
Development

Databases

PostgreSQL MySQL Redis MariaDB SQLite Database Design Caching

Hosting &
Platforms

Web Hosting & Control Panels

cPanel WHMCS Plesk DirectAdmin HestiaCP Webmin

Hosting &
Platforms

Game Infrastructure

Pterodactyl Pelican SteamCMD Game Server Management Valve/Steam socket APIs A2S
GSP Panel GameCP

- WordPress
- WooCommerce
- Drupal
- Joomla
- Invision Community
- phpBB
- vBulletin
- MyBB
- E-commerce Platforms
- CMS Administration

EXPERIENCE

Freelance ·
Remote · 2008
– Present

Independent Developer / Web Developer

Built and optimized backend systems end-to-end, from third-party control-panel APIs to full application infrastructure, with a constant focus on performance and reliability.

Built and hardened full-stack web applications (PHP OOP/MVC, Node.js, React), including SQL-injection audits and OWASP-aligned security remediation.

Operated game-server hosting infrastructure and a real-time player-tracking service supporting 10M+ players, built on custom Steam/Valve socket APIs.

(2024) Focused a year of R&D on deep-learning-driven, large-scale live data storage: built a real-time game-tracker platform storing player statistics by minute, hour, day, week, and year, and managed the full infrastructure for scalability, reliability, and high-volume traffic.

(2017 – 2018) Helped clients and community members set up and troubleshoot websites, online shops, and game servers; ran a gaming community forum, managing discussions and community resources.

Key Project

GameQuery.dev (GQ)

Game-server query platform supporting hundreds of games, originally built to support CSB. Integrates with WordPress, Invision Community, and OBS. PHP, REST APIs.

[GameQuery-IPB – Invision Community app ↗](#) [gamequery-servers-lists – WordPress plugin ↗](#)
[streaming-overlay-games-servers – OBS overlays ↗](#)

Key Project

Counter-Strike-Boost.com (CSB)

Full-stack platform for the CS 1.6 community with real-time server and player analytics, tracking 10M+ players. Runs on a polyglot microservices setup and a PHP MVC framework built from scratch.

[counter-strike-boost.com ↗](#)

Eurobet Italia
· Jan 2025 –
Nov 2025 ·
Ardea · On-site

Supervisor

Supervised daily on-site operations and staff at a retail betting location, full-time.

CYNICHOST ·
2019 – 2023 ·
Remote

Web Developer (Self-Employed)

Hosted and administered web, VPS, and game-server infrastructure plus domain registration for 100+ clients, handling everything end-to-end from provisioning to ongoing support.

Administered Apache servers and built custom firewall rulesets (ipfw/pf); configured Cloudflare for DDoS protection and rate limiting to harden client infrastructure against abuse.

Deployed and maintained WooCommerce storefronts and CMS/forum platforms (WordPress, phpBB, MyBB, vBulletin) for clients.

EDUCATION

2026 – Present

AI-Assisted Development

Applied AI-assisted engineering tools to modernize existing codebases, including GQ and CSB, migrating 20–30 containers to Docker and later to K3s with zero-downtime rolling deployments.

Key Project

xConsole

Multi-VPS SSH terminal canvas with a built-in AI assistant, built as a daily-driver replacement for MobaXterm. Rust, Tauri 2, React, xterm.js, MCP, Ollama.

[github.com/DemOnJR/xConsole ↗](#)

IT School · 2025 - Present	DevOps Engineer in Training Formalizing hands-on infrastructure experience through structured coursework in containers, CI/CD, observability, and platform-engineering team processes.
Course Project	ProdX / ProdXCD / ProdXTF GitOps platform on GKE. FastAPI + React app, Terraform/HCP-provisioned GCP infrastructure, Argo CD + Helm deployments, HPA autoscaling, External Secrets + Vault for secrets management, Prometheus/Grafana monitoring, and Trivy vulnerability scanning in CI. ProdX ↗ ProdXCD ↗ ProdXTF ↗
Course Project	devops-battleship-aws Real-time multiplayer Battleship built as an AWS DevOps showcase. Terraform-provisioned EC2, a 6-container Docker Compose stack, Redis, Vault, and zero inbound ports via Cloudflare Tunnel. github.com/DemOnJR/devops-battleship-aws ↗
Course Project	ServersMonitoring Self-hosted monitoring tool for server stats, traffic, and service-health checks, with alerting and a browser-based installer. PHP, Docker, Node.js. github.com/DemOnJR/ServersMonitoring ↗
Course Project	GitHub Organization as Code Repositories, teams, and permissions for devopsitschool managed via Terraform. github.com/orgs/devopsitschool/repositories ↗
Production project	Price Comparator & History Tracker Fully automated platform that scrapes prices behind authentication and tracks price history over time. Live in production.
Production project	Automated News Platform Fully automated news site built on n8n workflows with custom LLM API integrations. Live in production.
Luigi Trafelli Nettuno · Oct 2015 - Jul 2018	Engineer's Degree, Electrical, Electronics and Communications Engineering Internship (2016 – 2017): Built custom control boards and embedded systems, including Arduino-based microcontroller programming, sensor development, and automation/robotics circuits.
CIVIFORM - Centro Formazione Professionale · Sep 2012 - Jun 2015	Diploma of Education, Electrician Internship (2014 – 2015): Maintained servers and IT systems, designed infrastructure, configured automated access control and security systems, and diagnosed/repaired electrical and wiring infrastructure.

CERTIFICATIONS

Anthropic Academy · April 2026	Claude Code in Action Anthropic's official training on agentic coding with Claude Code — workflows, automation and best practices. View certificate (PDF) Verify credential ↗
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LANGUAGES

- Romanian — Native
- Italian — Fluent
- English — Conversational