

PROFESSIONAL SUMMARY

Proactive Cloud & DevOps Engineer with hands-on production experience architecting resilient cloud infrastructure on AWS, automating multi-stage CI/CD pipelines, and shipping enterprise-grade cross-platform systems. Proven expertise operating under strict Non-Disclosure Agreements (NDA) on scalable AI platforms, designing modular Terraform/Terragrunt architectures, orchestrating containerized microservices, and leading full-cycle software delivery from system design to Google Play Store releases. Demonstrates unwavering momentum with 1,700+ GitHub contributions over the past year, backed by deep competence in SRE observability (Prometheus/Grafana), Docker, Linux administration, and autonomous AI workflows.

CORE TECHNICAL COMPETENCIES

CLOUD INFRASTRUCTURE & IAC

AWS (EC2, S3, RDS, VPC) Terraform Terragrunt

Route53 Automated Failover AWS Bedrock LLMs

IAM Security Policies

CONTAINERS & CI/CD PIPELINES

Docker & Multi-Stage Builds Kubernetes & Helm

GitLab CI/CD GitHub Actions Traefik Reverse Proxy

Zero-Downtime Deploy

OBSERVABILITY, MONITORING & SRE

Prometheus Grafana Dashboards Loki & Promtail Logging

CloudWatch Metrics k6 Load Testing (1,000 req/s)

FULL-STACK, MOBILE & DATA ARCHITECTURE

Next.js 16 (React, SSR) Flutter & Dart (Native App)

TypeScript / Node.js Python PostgreSQL & PostGIS

Redis Caching Stripe Escrow Safe-Pay Neo4j (Cypher)

PRODUCTION EXPERIENCE

- DevOps & Cloud Engineer · **BYOUR — Hiring AI Platform** UNDER STRICT NDA 2026 – Present | Dublin, IE

 - Architected and provisioned modular AWS cloud infrastructure using **Terraform & Terragrunt** powering the Minerva AI applicant scoring engine under a non-disclosure agreement.
 - Engineered automated **GitLab CI/CD pipelines** facilitating continuous automated testing, containerization, and zero-downtime microservice deployments.
 - Provisioned and secured **AWS Bedrock LLM** integrations, hardened isolated VPC subnets, and established comprehensive CloudWatch operational dashboards.
 - Configured high-availability multi-zone networking with **Route53 automated DNS failover** and RDS PostgreSQL read replicas to ensure high fault tolerance.
- Lead Platform & Mobile Architect · **NextStep Marketplace [Working Title]** 2026 – Present | Ireland

GOOGLE PLAY & PRODUCTION

 - Architected and delivered a production-ready, commercial marketplace platform (working title *NextStep*) tailored for the Irish automotive and classifieds market.
 - Engineered high-performance web frontend on **Next.js 16 (App Router)** featuring Leaflet/PostGIS spatial radius search, live car finance calculators, and An Post postal logistics.
 - Built native mobile application on **Flutter & Dart** (120 FPS, clean architecture), validated via 52 widget tests, and successfully **deployed signed release APK to the Google Play Store**, ready for live dealer inventory onboarding.
 - Designed a robust 10-state **Stripe Escrow Safe-Pay payment machine** with direct dealer chat negotiation, live dispute arbitration, and nightly self-healing reconciliation cron jobs.
 - Maintained rigorous engineering standards with **1,043 automated tests** (Vitest, Playwright, Flutter), 0 TypeScript errors, Strix AI pentest security validation, and 100% bilingual parity (3,165 translation keys in English & Gaeilge).
- Mobile QA & Technical Debugging Engineer · **AstroMind** 2025 | Freelance

 - Provided technical development assistance for a cross-platform mobile application (Cordova/Angular) with **10,000+ active downloads** on Google Play.
 - Analyzed mobile crash logs, managed Gradle/Android build dependencies, debugged payment workflows, and reduced bug recurrence rate by **30%**.
- Online Server Technical Support & SRE · **Synergy SNG Community** 2024 | Volunteer

 - Administered Linux game servers, resolved 150+ complex technical tickets, and performed low-latency network troubleshooting under active online load.

HIGHLIGHTED PRODUCTION SYSTEMS

AWS S3 Simulator & Centralized Observability Stack

[Live Demo ↗](#) [Source Code ↗](#)

- Production-grade S3-compatible object storage system built with MinIO and Flask, fully instrumented with enterprise SRE observability tools.
- Metrics scraping via **Prometheus** with custom Grafana dashboards visualizing storage quotas, request latency, and HTTP status codes.
 - Centralized logging pipeline using **Promtail** and **Loki** for real-time log ingestion, search, and container health monitoring.

Enterprise AI Support Ticket Classification SaaS

[Live Demo ↗](#) [Source Code ↗](#)

- Resilient AI microservice API automating support ticket triage with multimodal LLMs, Stripe billing, and Redis infrastructure.
- Dual-engine pipeline utilizing **Google Gemini 2.0 Flash** as primary classifier with automated OpenAI fallback on API rate limits.
 - Redis-backed rate limiting, bulk CSV batch processing, integrated Stripe subscription billing, and automated Prometheus metrics.

UA → IE Automotive Scout & VRT Import Tax Engine

[Live Demo ↗](#) [Source Code ↗](#)

- Automotive meta-search platform and financial calculator bridging Ukrainian and Irish car markets with automated tax computation.
- Resilient parallel scrapers with **Puppeteer stealth** anti-bot bypass for DoneDeal, AutoRia, and RST.
 - Dynamic Irish tax engine calculating customs, VAT (23%), NOx levy, and CO₂-based VRT rates with live European Central Bank currency conversion.

Privacy-First AI Email Automation Platform

[Source Code ↗](#)

- Enterprise privacy-compliant customer email triage system leveraging local open-source LLMs deployed on Kubernetes clusters.
- RAG (Retrieval-Augmented Generation) pipeline running on self-hosted **Ollama (Gemma 7B)** without third-party data leakage.
 - Orchestrated via **Kubernetes & Helm charts** with automated GitHub Actions CI/CD pipelines and zero-downtime rolling updates.

CERTIFICATIONS & PROFESSIONAL CREDENTIALS (COMPLETE)

ARTIFICIAL INTELLIGENCE & GRAPH DATABASES

Neo4j Certified Professional	Neo4j · 2026
Autonomous Agents and Workflows	OpenAI · 2026
Applied AI Foundations (Enterprise)	OpenAI · 2026
AI Foundations (Neural Networks)	OpenAI · 2026
Generative AI: Prompt Engineering	IBM · 2025

CLOUD, DEVOPS & CONTAINERS

Docker Foundations Professional	Docker Inc. · 2025
Ubuntu Linux Professional	Canonical · 2025
DevOps Professional Certificate	PagerDuty · 2025
CentOS Linux & Hypervisors	EPAM · 2025
DevOps Essentials Introduction	EPAM · 2023

NETWORKING, SYSTEMS & SECURITY

Networking Basics (TCP/IP, Routing)	Cisco · 2025
Career Essentials in System Admin	Microsoft · 2025
Technical Support Fundamentals	Google · 2025
IT Infrastructure & Support Basics	Google · 2025

SOFTWARE ENGINEERING & ARCHITECTURE

Java Concurrency & Threads Architecture	EPAM · 2023
Java JDBC, I/O & Exception Handling	EPAM · 2023
Clean Code & Multithreading Systems	EPAM · 2023

EDUCATION

Bachelor of Computer Engineering

Faculty of Physics, Electronics and Computer Systems
Oles Honchar Dnipro National University (2020 – 2024)
Ministry Accredited Degree (B24 № 162181) · Computer Architecture, Distributed Systems, Operating Systems Internals

LEADERSHIP & LANGUAGES

Esports Event Operations & Infrastructure

Windigo Arena x DNU (2021): Managed live arena logistics and fault-tolerant tournament network for 100+ competitors.

Languages

English: Professional Working · **Ukrainian:** Fluent · **Russian:** Fluent