

Aymen Bowran

Independent Infrastructure Engineer / Systems Engineer

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Professional Summary

Independent Infrastructure & Systems Engineer with 5+ years of experience designing, managing, and scaling high-availability production systems across 60+ environments. Expert in Linux/Windows administration, networking, databases, and automation. Proven track record of improving performance, reducing downtime, and delivering robust solutions under pressure. Adept at translating complex technical challenges into scalable, secure, and maintainable infrastructure.

Skills

Infrastructure & Systems: Linux/Windows server administration, VPS & cloud infrastructure, network configuration, monitoring, performance tuning, system hardening, incident response

Development & Databases: Python, Lua, JavaScript, MySQL, MongoDB, API design & integrations, real-time system architecture

Tools & Platforms: Docker, Kubernetes, Git, Jenkins/GitHub Actions, Prometheus, Grafana, automation scripting, CI/CD pipelines

Other: DevOps methodologies, scalable system design, disaster recovery planning

Experience

Independent Infrastructure Engineer, *NodeForti*

Feb 2020 - Present

- Designed, deployed, and maintained 60+ production environments supporting thousands of concurrent users with **99%+ uptime**.
- Built scalable infrastructures with **clustered** databases, **caching** layers, and load **balancing** to optimize system **performance**.
- Implemented robust **security protocols** including firewalls, **DDoS** mitigation, and **access control**, reducing system **vulnerabilities**.
- Led incident response and recovery operations, **minimizing downtime** during **critical outages**.
- Developed **automation** scripts and **custom APIs** for cross-platform **integrations**, improving **efficiency**.
- Managed MySQL and MongoDB databases for **high availability** and performance, achieving up to **40% faster response times**.

Web Developer, *Freelance*

Aug 2023 - Sep 2025

- Delivered 20+ full-stack websites across diverse industries, from concept to launch.
- Built responsive frontends using HTML, CSS, JavaScript, and React, and implemented CMS-based solutions.
- Developed SEO-optimized websites that enhanced client visibility and lead generation.
- Managed full project lifecycle including client consultations, deployment, and ongoing support.

Key Achievements

- Managed infrastructure for 60+ production environments with 99%+ uptime.
- Reduced server response times by 40% through performance optimization.
- Developed disaster recovery protocols and automated scripts minimizing downtime.
- Delivered 20+ client websites from concept to launch.
- Successfully transitioned hobbyist projects into professional-grade infrastructure work.
- Maintained strong client relationships through proactive technical support and service delivery.

Additional Information

Citizenship: Belgian & UK (dual-national)

Work Authorization: Eligible to work in EU & UK

Languages: Dutch (Native), English (Native), French (Limited working proficiency)