

## CONTACT


Brčko, Bosnia and Herzegovina

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## EDUCATION

**Engineer of Electrical and Computer Engineering - Bachelor (Appl.)**

School of Electrical and Computer Engineering of Applied Studies in Belgrade

Information Technology, 2011

## LANGUAGES

**Serbian** - native

**English** - professional working proficiency

# Đorđe Kaurinović

## Systems Administrator / Systems Architect

## PROFILE

20+ years designing and running production IT infrastructure where downtime and data loss are not an option. Focused on architecture that is secure, documented and maintainable - from networking and virtualization to backup and post-incident recovery. I come to the table with solutions, not a list of problems.

## TECHNICAL EXPERTISE

| | |
|---|---|
| **Windows** | Windows Server, Active Directory, GPO, DNS/DHCP, PowerShell |
| **Unix/Linux** | FreeBSD (OPNsense), Debian/Ubuntu, LVM, systemd, rsyslog, bash |
| **Virtualization** | Hyper-V, Proxmox VE |
| **Cloud & DevOps** | Cloudflare (DNS, WAF, Workers, Email Routing, SSL/TLS), GitHub (repositories, CI/CD, releases), Docker |
| **Networking** | segmentation (VLANs, subnets, inter-VLAN firewall policies), IPSec site-to-site VPN, FortiGate, OPNsense, Omada SDN, Tailscale |
| **Security** | vulnerability management (Greenbone/OpenVAS), centralized logging with integrity protection (hash chain), DNS logging, server and web service hardening, DMARC/SPF/DKIM |
| **Databases** | MS SQL Server (backup strategies, SQL Agent, object security and ownership, migrations) |
| **Storage & Backup** | SAN/NAS/DAS, Synology, BTRFS, URBackup, image and file-level backup of Hyper-V environments, disaster recovery |
| **Monitoring** | ntopng, NetAlertX, SmokePing, AdGuard Home, Unbound (DoT, DNSSEC) |
| **GIS** | GeoServer, AutoCAD, spatial data (EPSG:3908, GeoPackage), georeferencing |
| **Development & Automation** | PowerShell, Python, C#/.NET, Node.js, React, PHP/Laravel |
| **AI-assisted Engineering** | Claude / Claude Code in production work: agentic workflows, MCP integrations, context engineering. Delivery of infrastructure and web solutions with human review of architecture, security and data models. |

## KEY EXPERIENCE

- Design and operation of AD domains and Hyper-V infrastructure (SQL, GIS, web and application servers)
- Site-to-site IPSec VPN links between separate networks and organizations
- Segmented networks with multiple VLANs and inter-zone firewall policies
- Backup and disaster recovery: production restored after a ransomware attack, no ransom paid
- Centralized logging for forensic readiness (DHCP, firewall, DNS, log integrity protection)
- Technical specifications for procurement of server, network and GIS equipment

## PROJECTS

- **Vihor IP Scanner** - author; open-source network scanner for Windows (MIT), Microsoft Store / GitHub
- **cyber-security.ba** - founder and author of an IT security portal