

MIODRAG ŽIVKOVIĆ

Senior Cloud & Infrastructure Engineer

📍 Belgrade, Serbia

✉️ neurorider@gmail.com

🏢 B2B Independent Contractor / Full-Time

PROFESSIONAL SUMMARY

Senior Systems and Infrastructure Engineer with over two decades of experience, heavily rooted in Linux environments (daily user and administrator since 2006), evolving into modern cloud-native architectures. Proven track record in independently designing, scaling, and managing robust enterprise cloud environments, high-traffic web infrastructure, and automated CI/CD pipelines. While possessing organically developed technical leadership skills, my primary focus is on hands-on engineering, complex troubleshooting, and optimizing backend performance within asynchronous, results-driven environments.

CORE COMPETENCIES & TECHNICAL SKILLS

Operating Systems & Scripting

Advanced Linux Administration (Active since 2006) · Bash · Python · PowerShell · PHP

Cloud & Infrastructure

AWS · Azure · DigitalOcean · Hetzner · VMware vSphere on-prem · ProxMox on-prem

Infrastructure as Code & Automation

Terraform · Ansible · Semaphore

Containers & CI/CD

Docker Ecosystem · Kubernetes (Working Knowledge) · TeamCity · GitLab · GitHub · BitBucket · Jenkins

Web, CDN & High Availability

Nginx · Apache · Tomcat · IIS · CloudFlare · Bunny.net · CloudFront · HAProxy · KeepAlived

Databases, Caching & Storage

MySQL · PostgreSQL · MSSQL · Redis · Memcached · Varnish · Elasticsearch · Solr · NFS · Samba

Observability & Monitoring

Prometheus · Grafana · Kibana · GrayLog · DynaTrace · Zabbix · CheckMK · Nagios · Pingdom · UpTrends

Engineering Leadership

Technical Mentorship (Junior/Mid-level) · Knowledge Sharing · Technical Documentation · SOPs & Runbook Creation

PROFESSIONAL EXPERIENCE

Independent B2B Contractor / DevOps Consultant

📅 Consultant

Kamatica Invest & SPOS (Savez pčelarskih organizacija Srbije) · Belgrade, Serbia · Contract

- Execute zero-downtime server migrations and comprehensive infrastructure provisioning across various hosting environments.
- Maintain and optimize web hosting setups, configure robust monitoring systems, and implement automated MySQL backup strategies.
- Provide ongoing system maintenance and proactive troubleshooting to ensure maximum uptime for client web applications.

Senior Infrastructure & DevOps Engineer

📅 December 2017 – Present

Wireless Media Group · Belgrade, Serbia · Full-Time

- Architect and maintain robust Linux-based cloud infrastructure, optimizing web server performance (Nginx, HAProxy) for high-traffic enterprise environments.
- Design and manage extensive Docker-based containerized environments, automating CI/CD deployment pipelines to ensure seamless application delivery.
- Drive infrastructure scalability and cost-efficiency on AWS, utilizing EKS (Auto Mode) combined with Karpenter for dynamic, automated Kubernetes node provisioning, alongside building and provisioning complete development environments from scratch.
- Provide organic technical leadership to engineering teams, aligning architecture design with stable and efficient technical delivery.

PROFESSIONAL EXPERIENCE (CONTINUED)

Senior DevOps Engineer

2017 – December 2017

Arbor Education Partners

- Architected and maintained cloud-based infrastructure and automated deployment pipelines.
- Collaborated with development teams to ensure maximum system stability, security, and scalability.

Senior DevOps Engineer

2013 – 2017

Humanity

- Managed core production infrastructure, ensuring high availability and performance across distributed environments.
- Spearheaded infrastructure automation, configuration management, and the implementation of robust system monitoring.

Senior System Administrator / Senior DevOps Engineer

2013 – 2015

ates International GmbH

- Handled enterprise system administration, server provisioning, and network infrastructure maintenance.
- Implemented security hardening, performance optimization, and reliable backup and recovery strategies.

Linux Developer / Team Lead

2006 – 2013

Geneko

- Developed embedded systems, Linux-based software solutions, and R&D components.
- Led engineering teams through full development cycles, technical design, and product implementation.

System Administrator / Linux Administrator

2006 – 2008

BeotelNET ISP

- Managed ISP network infrastructure, core networking gear, and routing configurations.
- Maintained Linux server hosting environments and handled advanced customer support operations.

Administrator / Developer

2005 – 2006

Inet d.o.o. / Electronic Department

- Provided foundational technical administration and development support for early-stage IT infrastructure and web environments.

CAREER EVOLUTION & KEY MILESTONES

Modern Cloud & Containers (2017 – Present)

AWS (EKS Auto Mode, Karpenter), Kubernetes, Docker, CI/CD pipelines, high-traffic enterprise architectures, IaC.

Embedded Systems & Linux Kernel (2006 – 2013)

Full Linux kernel & GNU embedded implementations, systems R&D, low-level engineering, team leadership.

High Availability & Global Platforms (2013 – 2017)

Distributed infrastructure management, high-scale SaaS production environments, configuration automation, monitoring.

ISP & Core Systems Foundations (2005 – 2008)

ISP core routing gear, Linux hosting environments, mission-critical network administration, zero-downtime operations.