ENES BOSNIĆ

DevOps • SRE • Infrastructure • Security • Programmer

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Place of living: Sarajevo, Republic of Bosnia & Herzegovina

SUMMARY

Senior DevOps / SRE / Infrastructure Architect with **28+ years** of practical engineering experience across **software development**, **banking, insurance, logistics, aviation, telecom, IoT, healthcare, data centers, and hosting**.

Builder, troubleshooter, team leader, and system stabilizer. Expert in designing **high-availability platforms**, automating infrastructure, securing mission-critical environments (PCI-DSS, DORA, ISO 27001), and leading large engineering teams (2 - 150+).

Known for:

- Fixing complex production issues, and doing it fast and efficiently.

- Leading infra modernization & DevOps transformation.

- Full-stack understanding (bare metal → cloud → application layer)

- Building secure, scale able, automated systems

- Delivering results with zero downtime

- Keeping things in clean, and with surgical precision in order (dev > test > production)

CORE TECHNICAL SKILLS

DevOps / Platform: Kubernetes, Podman, Docker, OpenShift, GitLab CI, Jenkins, GitHub Actions, Terraform, Ansible, IBM Aix, IBM AS 400, Bare Metal data-center grade operations.
Cloud: AWS, Azure, IBM Cloud, Hetzner, A1 THC, GCP
OS: FreeBSD, NetBSD, Debian, Fedora Linux, RHEL, CentOS, SUSE Linux, Windows Server
Programming: Bash, Python, PHP (vanilla/Laravel/Symfony), Node.js, TypeScript, C, C++, Vue.js, Angular, etc...
Security: PCI-DSS, DORA, ISO 27001, SOC Ops, Nessus, Metasploit, Secure Coding, IAM, Zero-Downtime, Migrations, Mitigation, Security implementation, Various types of hardening the configurations.
Databases: MySQL, PostgreSQL, Oracle, MSSQL, MongoDB
Networking: Cisco, Palo Alto, CheckPoint, pfSense, VPN, Load Balancing (KEMP, F5-style)
Monitoring: Grafana, Prometheus, Zabbix, Nagios, ELK Stack, Splunk, CheckMK
Virtualization / Systems: VMware ESX/ESXi, QEMU/KVM, bhyve, IBM AIX, Hypervisors
Other: Kafka, Redis, RabbitMQ, Keycloak, FastAPI, IoT embedded systems, CE certification flows

PROFESSIONAL EXPERIENCE

IT security, DevOps, SecOps & Full-Stack Developer – SnowOffice GmbH

October 2025 – Present | Remote - Hybrid

Achievements

- Taking care about infrastructure and rewriting new environments for CI/CD

- Making sure environments are functional and ultra secured.

- Helping small team of 16 India based developers to refactor the solutions used in the industry.

- Optimizing platform requirements and stability.

- Optimized branching, deployments, and environment consistency.

Tech: Podman, QEMU/KVM, Azure, AWS, IBM Cloud, Terraform, Ansible, PHP, FastAPI, MSSQL, MySQL, MongoDB, Next, Nuxt, Angular, Vue.

DevOps & Full-Stack Engineer — Amygdal d.o.o

Jul 2025 – Present | Remote - Hybrid

Achievements

- Containerized Next.js & Nest.js applications; built modern CI/CD flows.

- Implemented **automated DR + encrypted backup system**.

- Developed internal ops tool (vanilla PHP + MySQL + multi-cloud integration).

- Delivered LLaMA + OpenUI models as production MLOps services.

- Optimized branching, deployments, and environment consistency.

Tech: Podman, QEMU/KVM, Azure, AWS, IBM Cloud, Terraform, Ansible, PHP, FastAPI, MSSQL, MySQL, MongoDB.

Head of IT (BiH Branch) - Grawe Insurance AG (Austria)

Apr 2024 – May 2025 | Sarajevo / Graz

Achievements

- Led **DORA compliance** strategy and implementation.

- Designed & tested full disaster recovery program (fail over, outages, Cyber scenarios).

- Migrated critical services with **zero downtime**.

- Improved regulatory reporting pipelines & automated encrypted backups.

- Coordinated operations for 50+ branch offices and 350+ users.

Tech: VMware ESX, OpenShift, Saltstack, Ansible, Podman, Cisco, CheckPoint, CrowdStrike, OracleDB, NetApp, Splunk.

Head of DevOps - SAASolutions (mDoc, Bunar, SocMania)

Jan 2023 – Mar 2024 | Remote

mDoc (Healthcare SaaS Platform, EU Clinics & Hospitals)

- Led 150+ developers + 10 DevOps engineers across multiple countries.

- Refactored platform → **contributed to acquisition by CGM GmbH**.

- Reduced cloud costs via re-architecture and auto-scaling.

- Built Python/Bash automation for onboarding/offboarding.

- Designed DR/HA used by 120+ clinics.

Bunar (Embedded IoT Smart Faucets)

- Architected hardware + software platform for CE-certified smart faucet systems.

- Led embedded systems, firmware, local cloud infra, and production testing.

SocMania (Security Operations Center)

- Built SOC from zero: processes, automation, reporting.

- Automated 90% of security checks using Python, PHP & Nessus pipelines.

- Led pen testers + security engineers; delivered custom tooling.

Tech: Kubernetes, Docker/Podman, GitLab, Jenkins, AWS, Azure, Hetzner, Python, Bash, Grafana, Prometheus, PCI-DSS.

CTO - ATN LLC (USA)

Sep 2021 – Apr 2023 | Kentucky (remote)

- Built complete logistics operations platform (tracking, dispatch, HR analytics).

- Integrated ELD tracking, PC Miler, transport frameworks.

- Designed multi-location infra (IBM AIX, Dell, Cisco, pfSense clusters).

- Automated performance reports for drivers and operations teams.

Network Infrastructure Expert - Raiffeisen Bank

Dec 2018 – Sep 2021 | Sarajevo

- Zero-downtime migration of core load balancers & IAM infrastructure.

- Automated bank-wide network device backup & restore system.

- Managed life cycle of OpenShift/RHEL clusters.

- Hardened security posture and improved early-warning monitoring.

DevOps Architect - Snowfall AB (Sweden)

Aug 2014 – Mar 2017 | Stockholm (Pionen White Mountains)

- Refactored MTRX railway ticketing platform (real-time, HA, zero downtime).

- Delivered infra for multitude of customers and internal Snowfall ops.

- Built scale able APIs for ferry/transport systems.

- Modernized data-center operations inside **the famous Pionen DC**.

Systems & Network Architect - Privredna Banka Sarajevo

2010 – 2014

- Ensured continuous SWIFT operations (AIX + AS/400).

- Ensured continuous BANK operations.

- Built DR, diesel-backup, and redundant connectivity.

- Automated device provisioning & configuration management.

Infrastructure Architect - UniCredit Group

2006 – 2009

- Designed regional data center after large bank acquisition.

- Built secure API integration for regulatory reporting.

- Led migration with zero service outages.

Earlier Roles (Summary)

- **Media Temple (USA):** Systems Architect (early KVM/LAMP, 1998–2000)

- **SAPPI (Austria):** Platform engineer (mill communication systems)

- **TVBeat (UK):** DevOps / analytics platform engineer

- **Technical Overhauling Institute (BiH):** Infra architect for military overhaul facility

- **NTCHS / Comtrade**: Even today the group using infrastructure I did set up back in the days.

- **Multiple ISP/System Integrator roles** (1997–2006)

- **Teacher for GNU/Linux**, developer, systems engineer, builder of early private clouds

Projects - small list of projects

- **https://dev.boaa.ba** - Outdoor activity platform (full stack)

- **PirateSec.com** - own hosting, security and k8s lab provider.

- **ucionica.dev.solint.ba** - Digital classroom, full stack development, infrastructure setup, etc.

- **BeautyFullApp** - 10-liner PHP program bootstrap, no need for fancy frameworks.

- **NMCRUD** - Node.js/MongoDB API examples and tutorials

- **AvoidRepo** - Repository to avoid, show of security issues in Microsoft since day 0 up to today, and why you and your org should not use their products.

- **TUTCICD** – Repository with example on how to CI/CD properly.
  Live example and code are available on my github profile for anyone out there to check and prove me wrong ?

EDUCATION

SŠTC Slavko Žardin, Bihać, Republic of Bosnia And Herzegovina.
Technical Secondary Education
Technician for the electronics and system automation.