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Bogdan Iacob
Senior DevOps Engineer

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Senior DevOps Engineer with a proven track record of designing and implementing scalable, secure, and efficient infrastructure solutions. Expertise in CI/CD pipelines, cloud migration, and compliance, with a strong focus on automation and continuous improvement. Passionate about leveraging technology to drive innovation and optimize software delivery processes.

Relevant Experience

P3 Software - Ireland | Lead DevOps Engineer

Feb, 2022 - Present

- Ensured compliance and governance for PCI DSS 3.2.1 and 4.0 standards.
- Designed and implemented robust CI/CD pipelines, automating software deployment and enhancing efficiency.
- Maintained and optimized infrastructure scalability, security, and performance.
- Implemented continuous monitoring of system performance, proactively addressing potential issues.
- Facilitated seamless code releases through close collaboration with development and operations teams.
- Successfully executed on-premises to cloud migration projects.
- Managed and responded to security incidents effectively.

Signant Health - România | Application Specialist

Sep 2021 - Dec 2021

- Deployed client-facing Electronic Clinical Outcome Assessments (eCOA) solutions for TrialStudio, TrialMax, and Patient Engagement platforms, adhering to strict privacy and medical confidentiality standards.
- Implemented stringent security measures to safeguard sensitive patient data.
- Developed comprehensive documentation and guides to ensure operational continuity.

Directorate of Informatization and Digital Communications - România | Software Engineer

Nov 2018 - Sep 2021

- Contributed to the design, development, and deployment of the TUIASI Student Management System, supporting over 20,000 students across 16 faculties.
- Developed and launched taxe.tuiasi.ro, an online payment portal for student and faculty fees
- Expanded the Online Admission System for "Gheorghe Asachi Technical University of Iasi," resulting in a 30% increase in applicants (13,000) compared to traditional methods.
- Built and maintained numerous websites, including international.tuiasi.ro, opendays.ro and study-programmes.tuiasi.ro, attracting thousands of visitors.
- Enhanced the Erasmus application used by TUIASI students participating in the Erasmus program.
- Designed and implemented a Kiosk type system around the university academic campus providing information, directions and newsletter.

Pentalog - România | Internship

Feb 2018 - Jul 2018

Education

Master's degree in CyberSecurity - Faculty of Automatic Control and Computer Engineering

(2021-2023)

Bachelor of Computer Science System Engineering - Faculty of Automatic Control and Computer Engineering

(2017-2021)

Awards

- Winner, ITMarathon Hackathon Grand Prize. Project selected over 100 other participants.
- Winner, "Student Scientific Communications Session" - Web technologies with "The use of blockchain technology in the context of industry 4.0"

Papers

- Analiza automată a emailurilor pentru identificarea phishing-ului prin intermediul Machine Learning
- Utilizarea tehnologiei blockchain în contextul industriei 4.0

Technical Skills

- Containerisation: Kubernetes, Docker, Grafana, Cloud Run
- CI/CD: Jenkins, BitBucket, Github
- Infrastructure as Code: Terraform, Ansible
- Cloud Computing: Opera Cloud Infrastructure, Google Cloud, Digital Ocean
- Scripting/Development: PHP, Bash, Python, Javascript, Git
- Operating Systems: Linux based systems