Daniel Borlay

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Professional Summary

Motivated Senior DevOps Engineer / Cloud Platform Engineer with 10+ years of experience designing and managing CI/CD pipelines, cloud infrastructure, and container orchestration in fast-paced environments. Proven track record in delivering self-service automation tools, end-to-end monitoring solutions, and infrastructure-as-code setups across AWS and Kubernetes. Strong communicator, mentor, and agile collaborator with a passion for continuous learning, passion for coding and platform reliability.

Core Skills

- CI/CD tools: Jenkins, GitHub Actions, Drone CI, Maven
- Containers & Orchestration: Docker, Kubernetes, Helm
- Infrastructure as Code: Terraform, Ansible
- Cloud Platforms: AWS (IAM, Route53, EFS, CloudWatch, ELB, EKS), Azure
- Scripting & Programming: Python, Java, Bash
- Monitoring & Observability: Prometheus, Grafana, Splunk, Datadog
- Soft Skills: Technical leadership, mentoring, agile/Scrum environments, cross-team collaboration

Experience

Lead Systems Engineer – EPAM Systems / Expedia (Budapest, Hungary)

Apr 2020 – Present

- Designed and maintained CI/CD pipelines (GitHub Actions, Jenkins, Spinnaker) supporting over 1**0 ML engineering teams**, reducing model deployment times by **40%**.
- Developed reusable Python and Java-based orchestration tools for ML workflows on **AWS (EKS based)**, accelerating inference and training automation by **30%**.
- Led a squad of 4 engineers in building a **self-service deployment toolkit**, enabling over 40**+ users** to independently manage ML lifecycle processes.
- Produced and delivered 15**+ internal training videos** and documentation packages, boosting team onboarding speed and cross-team collaboration.

Cloud Platform Developer – EPAM Systems (Budapest, Hungary)

Apr 2018 – Apr 2020

- Automated EC2 and EMR provisioning using **Terraform and Ansible**, reducing infrastructure provisioning time from 30 minutes to 2 minutes.
- Developed custom Ansible modules and Slack-integrated Python tooling used by 3 **teams** to manage and monitor cloud resources.
- Introduced Drone.io CI/CD platform for legacy systems, improving build reliability by 6**0%** and cutting deployment times by **50%**.
- Built Jenkins-as-code (JobDSL) system to version-control over **100 Jenkins jobs**, improving maintainability and disaster recovery readiness.

DevOps Engineer – Ericsson (Budapest, Hungary)

Aug 2015 – Apr 2018

- Developed and maintained Jenkins pipelines in Groovy for infrastructure automation.
- Designed test orchestration and baseline regression processes via Ansible and custom scripting.
- Supported automated integration test cases based on Robot Framework

Backend Engineer – ULX Kft (Budapest, Hungary)

Jun 2013 – Aug 2015

- Refactored legacy Perl systems to Python and rolled out modern REST APIs.
- Designed monitoring infrastructure using Zenoss and Python agents for nationwide school systems.

Education

MSc in Computer Science – 2017
Budapest University of Technology and Economics

Certifications

- Certified Kubernetes Administrator (CKA), 2025
- Hashicorp Certified: Terraform Associate, 2025

Languages

- English (Advanced), Hungarian (Native), Dutch (A1)