

Dean N'goma

Automation/Admin/DevOps

I help companies eliminate repetitive manual work through:

- Technical audit of your workflows to identify automation opportunities
- Custom solutions tailored to your stack (Ansible, n8n, Python, Terraform...)
- Implementation & knowledge transfer to your teams

 **Barcelona, Spain**



Remote preferred open to hybrid



Freelance Automation missions



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DIPLOMAS AND TRAINING

General engineering degree, 2019

Telecom Sud-Paris - Institut polytechnique de Paris
Evry, France | 2016-2019



Certified CloudBees Jenkins Engineer, 2020



Red Hat certified specialist in advanced automation : ansible best practices, 2021



Certified Kubernetes Application Developer, 2023



TECHNOS / SKILLS

Automation: n8n, selenium.

Languages: Shell, Python, Go, Js.

Virtualisation: Proxmox VE, Proxmox BS.

CI/CD: Ansible, Ansible Tower, Terraform, GitLab CI, Github actions, Jenkins.

Linux distrib mainly administered: Debian, Ubuntu, CentOS.

Orchestration : Kubernetes, Docker swarm.

Cloud: AWS, Scaleway, OVH, Hetzner, Azure.

Quality: Sonar, Sentry.

Frameworks : Flask, FastAPI, ExpressJS, Langchain, Langgraph.

Monitoring: Prometheus, Grafana, Node Exporter, ELK + Filebeat, CAdvisor, Uptime Kuma

System/Network: Nginx, haproxy, certbot, firewalls (ufw, firewalld, iptables), fail2ban, vault

AI models mainly used: ChatGPT, Claude, Mistral.

PROFESSIONAL EXPERIENCE

Ansible RHEL automation expert

SIX-GROUP for Kuik code / KPMG | October 2025 - present, Spain



- My mission is to help with modernizing the Ansible software factory, applying Ansible best practices, focusing on time and resources efficiency for inventories with thousands of machines. This involves a careful use of SSH connexions, variables, delegated tasks, error control, as well as the vision of its integration in the complex internal environment.
- Promote the "As Code" approach to ensure that as many configurations as possible are stored as code for better traceability and easier backup and restoration of infrastructures.
- Implemented a scheduler to automate monthly VM patching triggers while handling different time zones and daylight-saving changes for VMs across more than eight countries on three continents.

SysAdmin/DevOps

Arneo, Mantu Group | February 2024 - September 2025, Spain



For clients like PSG, Fraikin, Pierre Fabre :

- Impose the best practices in terms of CI/CD, especially in terms of ansible playbooks' structure and use. And lead the pipelines modernization work.
- Design, build and provision the infrastructure of the new software factory, merge of Arneo/Pixel Alliance/7circles' existing factories. Creating the environments with terraform, provisioning with ansible.
- Transition from a non controlled cloud infrastructure (mainly AWS) to open source virtualized one (Proxmox VE and Proxmox Bs)
- FinOps : **Reducing the infra costs by 24K a year** by optimizing infra mutualisation and cleaning unused resources

PROFESSIONAL EXPERIENCE

- Huge improvement and reorganization of the technical documentation
- SecOps : Including security in all practices
- SRE : Incident troubleshooting, platform monitoring on multi cloud providers (OVH, AWS, Scaleway, Infomaniak...) for +20 Clients
- Gitlab/Confluence administration (3 different instances, until the merge is finished)
- Manage the lifecycle of our projects (infra provisioning, CI/CD, monitoring, operations)

DevOps Engineer, RUN SRE



Société Generale for Devoteam S.A | January 2023 - December 2023, France

- Load balancing service for Openstack S.G. private cloud
- Lifecycle management of object deployment pipelines in a virtualized infrastructure (Jenkins/Ansible/VMware)
- Automation of supervision tasks (Python, API Prometheus/Grafana)
- Customer incident management, troubleshooting, ticketing (Unity, Mattermost)

DevOps Engineer, RUN SRE



BforBank for Devoteam S.A | November 2019 - December 2022, France

- 2019-2021 : INDUS team - Industrialization and automation of the application's deployment (Atlassian/Bash/Ansible Tower Suite)
- 2021-2022 : EXPLOIT team - Joined the Production team as Ansible guru to help them improve their playbooks.
- Version upgrades of partner applications
- Handling incidents and lifecycles of DEV/SIT/UAT environment (RHEL servers), then PREPRODUCTION/PRODUCTION after I joined the Production team
- Monitoring set-up (Dynatrace, Centreon)
- Production rollouts, on premise, AWS/GCP
- Green-IT project initiative

DevOps Intern



Natixis for Accenture Technology Solutions | February - August 2019, France.

- Participation in building a DevOps pipeline
- Deployment on environments ranging from testing to production.
- Administration of Jboss servers.
- Management of 3 enterprise players for the implementation of a centralized authentication module.
- Writing tests in ALM

PERSONAL PROJECTS

Legal action platform

Freelance, January 2026

Working with my Lawyer on the build of a dedicated platform to help him manage his 25+ clients in the legal action I am part of.

- I will develop It using NextJs + Claude Code
- I will be in charge of the whole infrastructure, deployment, storage, backups, and security (data encryption, accesses etc)
- So far no AI is needed, but It could be included in the future

Real estate assistant



Freelance, July 2024 - January 2025

- As a freelance, worked with 3 partners on an AI powered platform to help a real estate agent manage its properties and a community
- Positioning myself as lead DevOps/Dev. (1 DevOps, 2 backend and 1 frontend)
- Owner and developer of the AI agent. It is able to use APIS like google maps to give real time information and google trends for recommendations.

Clock-in automation

November 2025 - December 2025

I automated my clock-in/clock-out with the following challenges :

- Has to work without an interactive terminal
- Has to locate me in Spain despite my server being in France
- Has to not clock-in when It's a holiday or a day off
- The app is written in flutter, which normally renders selenium useless since It does not generate an HTML DOM.

Produced :

- docker-compose stack based on selenium-hub's official image, running in a Debian13 VM
- OpenVPN and Tailscale exit nodes used as internal VPNs

Servers maintenance automation



2025

I automated the monthly patching and restart of my own virtual servers, using a combination of N8N (on premise) and a colored excel sheet, in order for me to have a quick visual overview of

- The status of each VM
- When It was last patched (apt-get update/upgrade/reboot)
- If the OS is EOL and therefore needs an upgrade
- Notifies me through discord if something fails

Dev for the fun

Developed a few websites to learn and practice the basics of ExpressJs, Flask and frontend dev :

- deanosaureflex.me
- iwantedtosaybutididntsayit.deanosaureflex.me
- guurlz.com