

Javier López

Back-End Developer / DevSecOps / Release Engineer

Professional Summary

Senior DevOps & Release Engineer with over 15 years of experience specializing in high-scale infrastructure, security automation, and backend architecture. Proven track record of stabilizing complex distributed systems and eliminating technical debt in cloud-native environments (AWS/GCP/Azure/DigitalOcean). Expert in bridging the gap between development and operations through advanced CI/CD pipelines and polyglot scripting automation (Python, Shell, Perl, Ruby).

Professional Experience

Aug 2023 – Present

DevOps / Release Engineer, *DigitalOcean - Cloud provider.*

Automate and support build/deploy software processes. Ansible/Chef recipes, Docker containers, Terraform, Concourse to Github Action migration (custom actions development), Prometheus / Grafana monitoring, HAproxy/Nginx reverse proxies, Git branch strategies. Vendor technical management, GHE, Jfrog (artifactory), Canary/Blue-Green/Rolling deployment strategies, Pager-duty escalations and technical support (level III). Internal tooling, Python/Shell scripting. Agile methodologies.

Feb 2021 **Cyber Security DevOps Engineer**, *FICO - Data Analytics.*

Administer and support security related tools. Defect Dojo, Checkmarks, AquaSec, BlackDuck, Netsparker, etc. Terraform / AWS (EKS/ECS/Fargate/RDS/S3/VPC/R53/ELB/EC2/SGs) / Jenkins DSL, Ansible, HELM, Custom Docker images. Packer AWS Image building. Python/Shell scripting.

Oct 2018 **Cyber Security DevOps Engineer**, *Tripwire - CyberSecurity.*

Platform automation Engineer, support and automation for internal QA / Dev teams. Jenkins DSL/Groovy job pipeline definitions, OS template creation (Packer/Atlas, Linux/Windows), Custom Docker image building, Docker-compose to Kubernetes resources migration. Azure DevOps/VMs/Containers/Blobs/AKS/, Vagrant / Chef+Kitchen provisioning / VMWare VSphere as private Cloud. TeamCity job definitions. Python/Powershell/Shell scripting.

May 2016 **DevOps Technical Lead**, *Santander - Banking | Palo-IT.*

DevOps Technical Lead, team of 6/7 members, in charge of the automation of an ALM system for web and mobile applications (Java / NodeJS / Android). Docker Swarm, HAProxy / KeepAlived / Traefik, Ansible, Vagrant, Packer, Linux RedHat 7.2, Jenkins DSL, Quality Gateways, SonarQube, Nexus. AWS (S3, EC2, VPC, Route53, LB) Terraform provisioning. Monitor status and network performance: Nagios / SNMP / Smokeping.

Feb 2013 **Python Programmer**, *Izzi - Telecommunications | Infosyst.*

Python/Flask/MongoDB/Docker/Docker-compose/Nginx/Apache internal Web/API portals. Unit Testing (PyTest). Stress tests over SOAP services with JMeter. Unix reference for devel team (Solaris 10). Implementation of a log system based on ELK.

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- Aug 2012 **ECM Platform Manager**, *Axa - Insurance Company | Javanes*.
Enterprise Content Management manager. Mongo-DB / OpsManager cluster administration / RedHat 6.4 / Solaris 10. 2nd level support and interaction with 3rd level in USA (Asana / Jira). Administration of live and long-term backups (+3, +5, +10 years) through an HCP platform. ITIL as workflow management.
- Oct 2010 **Network Administrator**, *Clearcom - Telecommunications*.
VOIP platform administrator. Management of +200 distributed nodes with Debian 6 (Ansible). 2nd level support and interaction with 3rd level support in Netherlands (Jira / Redmine). Installation of switches based on: Elastix / Opensip / Asterisk. Installation of Routers based on DD-WRT / PfSense / Soekris. Installation of Linux systems on virtualized environments: Vbox | KVM | OpenVZ. Data storage: Openfiler / Freenas. Log-processing with Logstash / Redis / Elasticsearch. Software packaging: DEB / RPM.
- Nov 2006 **UNIX System Administrator**, *Ixpan - Tailored Software*.
Rack Server Configuration: Dell Powerconnect, Procurve HP. Deployment of LAMP based solutions: Linux / Apache (Nginx) / Mysql (Oracle) / PHP. Deployment of Java Enterprise Applications: WebLogic, Tomcat, WebSphere, Glassfish. Administration of virtualized environments with Proxmox | OpenVZ. Network oriented services deployment: Samba (CIFS) / NFS / Bind / Squid. System Programming: Bash / Sh / Awk / Perl / Python / PowerShell.

Education

- 2025 **Harness Certified Developer**, *Harness*, <https://www.credly.com/badges/1c4072aa-c0d9-48f3-881e-cb8a584e33c0>.
- 2019 **Jenkins Certified Engineer**, *CloudBees*, <https://certificates.cloudbees.com/cql6y57n>.
- 2006 **Telecommunication Technician**, *IPN*.

Languages

- Inglés **Advanced**, *TOEIC - 760, USA Tourist Visa 2026* .
- Portugués **Intermediate**.
- Español **Native Speaker**.

Projects / Portafolio

- Ubuntu **Official Member**: <https://launchpad.net/~javier-lopez>
- Minos **Minimalist Linux Distribution**: <https://github.com/minos-org>
- IT-Dojo **Web tty instances on demand**: <https://github.com/javier-lopez/it-dojobackend>
- CK Kernel **Kernel -ck packaging for Ubuntu**: <https://viajemo.com/2012/08/13/kernel-ck-for-ubuntu-precise/>
- Vagrants **Virtual Environment Repository**: <https://github.com/javier-lopez/vagrants>
- Static-get **Linux Static Binary Repository**: <https://github.com/minos-org/minos-static>
- Uber for X **Mobile App**: <https://github.com/foobar-org/uber-react-native-firebase>
- Nsupdater-cgi **Web portal for Bind (DNS)**. <https://github.com/javier-lopez/nsupdate-cgi>
- Staticus **Status Service Generator**. <https://goo.gl/F7kVRF>
- Remote Player **Web Interface for Multimedia Player**. <https://goo.gl/u1UzyV>
- Pianocat **Piano Emulator**. <https://news.ycombinator.com/item?id=9193092>

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Ffcast **Screencast Recorder:** <https://goo.gl/7VQ7R1>
Genpass **Password Manager:** <https://github.com/javier-lopez/genpass>
Wget-finder **Content Retriever by Cryptographic Hashes:** <https://news.ycombinator.com/item?id=9193102>
Elastix-cli **Cli Elastix Manager:** <https://goo.gl/0M7yal>
Flask-api-rest **Sample flask-api rest service featuring docker/mongodb integration.:** <https://github.com/javier-lopez/flask-api-rest>
Trash **Trash Manager based on the FreeDesktop specification:** <https://goo.gl/lvWzDe>
Tundle **Terminal Multiplexer Plugins:** <https://github.com/javier-lopez/tundle>
Shundle **Shell Plugins:** <http://onethingwell.org/post/82086102238/shundle>
Vim **Vim Plugins:** <https://github.com/javier-lopez/sprunge.vim>

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