

Javier López

Back-End Developer / DevOps Engineer

Professional Experience

- Aug 2023 **DevOps / Release Engineer**, *DigitalOcean - Cloud provider*, .
Automate and support build software processes. Ansible / Chef recipes, Docker containers, GHE administration, Concourse / Github Actions, Prometheus / Grafana monitoring, HAproxy/Nginx reverse proxies, Git branch strategies. Agile methodologies. Pagerduty escalations. Internal tooling, Python/Shell scripting. Technical support.
- 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, GitHub Actions, Azure Pipelines, Custom Docker images. Packer AWS Image building. Python/Shell scripting.
- Oct 2018 **DevOps Engineer**, *Tripwire - CyberSecurity / Tiempo Development*, .
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. 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, responsible for a small 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.
- Aug 2012 **ECM Platform Manager**, *Axa - Insurance Company / Javanex*.
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.

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Nov 2006 **UNIX System Administrator**, *Ixpan - Tailored Software*.
Rack Server Configuration: Dell Powerconnect, Procurve HP. Deployment of LAMP based solutions: Linux / Apache (Ngnix) / 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

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>
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>
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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