

Briana Sánchez

DevOps engineer

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I'm a talented woman with strong technical skills, highly organized and goal oriented professional with a love for technological challenges, flexible about developing new skills and always striving for self-improvement.

COMPETENCES

Programming	Python, Bash, Groovy (basic knowledge, mostly to create Jenkinsfiles)
Cloud	AWS, GCP, Rackspace
Configuration	Terraform, Chef, Ansible
SCM	Github, Bitbucket, Git, Nexus, Gitlab (basic knowledge, recently started to use it)
Monitoring	NewRelic, Nagios, Prometheus
CI	Jenkins, Jenkinsfiles, Dockerfiles
Containers	Docker, Kubernetes, Helm
Collaboration	Jira, Pagerduty, Slack
Logging	EFK, ELK
CDN	Fastly
Backups	Velero
Security	sops

PROFESSIONAL EXPERIENCE

June 2018
Present

Associate DevOps Engineer, TACIT KNOWLEDGE

- Automate system provisioning, configuration and application deployment.
- Create CI-CD pipelines. Lately using Dockerfiles + Jenkins + Jenkinsfiles + Helm.
- Provide on-call support to production infrastructure.
- Research and share tech topics to improve our SRE practice. Example: I recently prepared a Harbor demo for the team.
- Project: Migration of a kubernetes project from Azure to Google Cloud Platform (GKE).
- Project: Update an old kubernetes infrastructure and prepare it for our managed commerce support. Task included: update installations of velero, jenkins, openldap, nexus, prometheus, efk, thumbor, redis, java app, helm version of releases, etc.

Chef Jenkins Kubernetes Terraform Helm Ansible

November 2016
May 2018

Site Operations Engineer, TACIT KNOWLEDGE

- Manage all the infrastructure as code.
- Solve and investigate production problems under tight time constraints.
- Perform postmortems reports of major incidents in order to improve our support practices and prevent incidents from happening again.

PagerDuty NewRelic Nagios Bash Python

Jan 2016
Oct 2016

Unix / Linux System administrator (Emerging Technologies Office), IBM

- Research and implement new technologies both from IBM or open source projects to expand our support capabilities and facilitate our support work.

Linux AIX Raspberry Pi Bluemix IoT Python

Jan 2015
Dec 2015

Project Manager Assistant (support team), IBM

- Develop a global technical education project within our support team.
- Work with SMEs on the education plans to develop.
- Coordinate the creation of the education material and review of it.
- Coordinate the internal trainings based on the developed material.

Project Management

May 2013
Dec 2014

Unix / Linux System Administrator, IBM

- Infrastructure provisioning, configuration and administration.
- Second level support to the infrastructure.

Bash SQL Linux Websphere Python

April 2013 June 2012	Operations Support Analyst, TATA CONSULTANCY SERVICES <ul style="list-style-type: none"> › Perform basic troubleshooting and mitigation actions over incidents. › Trigger escalation procedures and act as the incident commander. › Gather forensic data of incidents and document them in runbooks. <div>Netcool</div> <div>Tivoli Monitoring</div>
May 2012 Jan 2010	Specialized Electrical Engineer, ENVASES UNIVERSALES DE MEXICO <ul style="list-style-type: none"> › Troubleshoot machinery. Analyze and repair all the electric and electronic failures of the machines. › Perform prevention maintenance programs. › Installation of new electric industry room board, wire them and create electric diagram's of it for future understanding and troubleshooting. <div>RSLogix 500/5000 software</div>

SCHOLARSHIP

2005	Bachelor's Degree, Electronics Engineering, Instituto Tecnológico de Mazatlan
2020	Master's Degree, Computer Science, Georgia Institute of Technology (In progress)

CERTIFICATIONS

CompTIA Linux+	Valid from: June 2016 Verification code: Z4EC3G3PLKREQJWC
LPIC-1	Valid: June 2016 - June 2021 LPI ID: LPI000359794 Verification code: kusy3cpupe
SUSE CLA 11	Valid from: June 2016

LANGUAGES

English	●●●●●●
Spanish	●●●●●●
French	●○○○○○

STRENGTHS

- › Learner
- › Responsible
- › Analytical
- › Honest
- › Committed

INTERESTS

- › Piano
- › Education
- › Reading

COURSEWORK AND TRAINING

Coursera	Internet Connection: How to Get Online?
Coursera	Network Protocols and Architecture
Coursera	Data Communications and Network Services
Coursera	Home Networking Basics
Linux Academy	Basic Chef Fluency Badge
edX	Introduction to Linux
Coursera	Initiating and Planning Projects
edX	CS50's Introduction to Computer Science

PROJECTS

June 2016 October 2016	Cognitive Concierge, IBM <ul style="list-style-type: none"> › As part of the IBM Emerging Technologies Office I participated on the 'Cognitive Concierge Project'. We trained and configured speech recognition patterns with questions and answers in order to program a set of humanoid robots to understand and answer natural language questions about IBM, Watson, cloud technologies, robotics and nearby locations. › A <u>fully-working demo</u> was presented publicly during the <i>World of Watson</i> conference in Las Vegas. <div>SoftBank Robotics' Nao and Pepper humanoid robots</div> <div>Watson</div> <div>Natural-language processing</div> <div>Speech recognition</div>
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VOLUNTEER EXPERIENCE

January 2018 July 2019	Contributor, DEVOPS COMMUNITY IN GUADALAJARA <p>I was part of the organization committee for the DevOps Community in Guadalajara, Jalisco, Mexico. We organized meetups for the community in order to share topics of interest about DevOps. I helped searching for Speakers, Sponsors, Organizing sessions and also sometimes sharing a topic myself. DevOps GDL.</p> <div>Organization Skills</div>
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REFERENCES

Emerson Posadas - Senior DevOps Engineer, HEAVENHR

“ If someone asks me about Briana, I would say that she is that kind of positive colleague that makes a valuable team member since has self motivation and learns by herself even if is related with an unknown technical matter ”