

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
Others	Fastly, Velero, Sops

PROFESSIONAL EXPERIENCE

June 2018 Present	Associate DevOps Engineer, TACIT KNOWLEDGE <ul style="list-style-type: none">➢ 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.➢ Project: Migration of a kubernetes project from Azure to Google Cloud Platform (GKE).➢ Project: Update of an old kubernetes infrastructure and prepare it for our managed commerce support. <div>ChefJenkinsKubernetesTerraformHelmAnsibleVelero</div>
November 2016 May 2018	Site Operations Engineer, TACIT KNOWLEDGE <ul style="list-style-type: none">➢ Manage all the infrastructure as code.➢ Solve and investigate production problems under tight time constrains.➢ Perform postmortem reports of major incidents in order to improve our support practices and prevent incidents from happening again. <div>PagerDutyNewRelicNagiosBashPython</div>
Jan 2016 Oct 2016	Unix / Linux System administrator (Emerging Technologies Office), IBM <ul style="list-style-type: none">➢ Research and implement new technologies both from IBM or open source projects to expand our support capabilities and facilitate our support work. <div>LinuxAIXRaspberry PiBluemixIoTPython</div>
Jan 2015 Dec 2015	Project Manager Assistant (support team), IBM <ul style="list-style-type: none">➢ Develop a global technical education project within our support team.➢ Work with SMEs on the education plans to develop and coordinate the creation of the education material and trainings. <div>Project Management</div>
May 2013 Dec 2014	Unix / Linux System Administrator, IBM <ul style="list-style-type: none">➢ Infrastructure provisioning, configuration and administration.➢ Second level support to the infrastructure. <div>BashSQLLinuxWebSpherePython</div>
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>NetcoolTivoli Monitoring</div>

May 2012
Jan 2010

Specialized Electrical Engineer, ENVASES UNIVERSALES DE MEXICO

- Troubleshoot machinery. Analyze and repair all the electric and electronic failures of the machines.
- Installation and wiring of electric room boards, creation of electric diagrams and execution of prevention maintenance programs.

RSLogix 500/5000 software



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+
LPIC-1
SUSE CLA 11

Valid from: June 2016 **Verification code:** Z4EC3G3PLKREQJWC

Valid: June 2016 - June 2021 **LPI ID:** LPI000359794 **Verification code:** kusy3cpupe

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

- 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 fully-working demo was presented publicly during the *World of Watson* conference in Las Vegas.

SoftBank Robotics' Nao and Pepper humanoid robots

Watson

Natural-language processing

Speech recognition



VOLUNTEER EXPERIENCE

January 2018
July 2019

Contributor, DEVOPS COMMUNITY IN GUADALAJARA

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.

Organization Skills



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 ”

