

John D Schmitz

Linux Administrator, Python Programmer

Certifications

John Schmitz
1001 W Utopia Rd
Phoenix, Arizona, 85027
(willing to relocate)

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CompTIA Linux+ awarded Feb 26th, 2020 (COMP001021637517)
CompTIA Network+ awarded Jan 18th, 2019 (COMP001021428217)

Work History

American Express / Contractor, Programmer Analyst

Jan 2019 - Present
Production root-access for support and change implementation.
Server building and infrastructure application first-time setup and maintenance.
Python, CICD, SaltStack Development with a focus on automation and tooling.
Representation on department change review board, targeting accuracy of implementation instructions and compliance with policy to ensure change reliability.
Primary maintainer for application monitoring and host firewalls in an environment of 900+ physical and virtual linux servers.

Westwind School of Aeronautics / Aircraft Dispatcher

July, 2015 - June, 2019

In addition to routine duties, performed administrative tasks such as monthly audits, corrections and user setups. Routine duties included ensuring the accuracy of aircraft maintenance records, weather monitoring, dispatch of aircraft, payment collection and front-end reception.

Securitas / Security Guard

February, 2017 - February, 2018

Verified the identities with available resources at the specific site, controlled access to secure areas during construction or maintenance, wrote reports of suspicious activities.

Application Experience

Information Systems Applications

SaltStack Orchestration	Since Jan. 2019
Python OOP/Scripting	Since Jan. 2019
Bash Shell Scripting	Since Jan. 2019
Jinja2 Templating Framework	Since Jan. 2019
RedHat Enterprise Linux and CentOS	Since Jan. 2019
Git/Stash Source Code Management	Since Jan. 2019
Confluence Collaboration and Documentation	Since Jan. 2019
VMware vCenter/ESXi Virtualization	Since Feb. 2019
Jenkins CI/CD	Since Feb. 2019
PostgreSQL Server	Since May 2019
Icinga, NRPE Remote Monitoring	Since May 2019
Couchbase NOSQL Database	Since Jul. 2019
Flask Python API Framework	Since Jul. 2019
PlantUML Flowchart Scripting	Since Jan. 2020
Java Programming	Since Feb. 2020
Gitlab CI/CD	Since Mar. 2020

Educational and Tracking Software

Talon Systems ETA, Administrative	Dec. 2016 - Jun. 2019
Total FBO, Administrative	Jul. 2016 - Jun 2019

Jira Task Management, Administrative	Since Jan. 2019
ServiceNow	Since Jan. 2019

Code Samples

<https://github.com/jdschmitzprofessional/AviationWeatherServices> -

Python code library for ingesting and processing data from publicly available aviation weather data.

<https://github.com/jdschmitzprofessional/FFStreamerCapture> -

Custom Python security camera framework that streams footage from raspberry pis/other remote cameras for GPU Encoding, restreaming and storage.

Education

Paradise Valley Community College / Associates of Arts

18401 N 32nd St, Phoenix, AZ 85032

Awarded Aug 2nd, 2018

North Central High School / High School Diploma

1801 E 86th St, Indianapolis, IN 46240

Graduated 2011

Professional References

Jonathon Micetic

Chief Pilot, Westwind School of Aeronautics

Former Supervisor

602-614-1204

<https://www.linkedin.com/in/jonmicetic/>

Ryan Edward O'Donnell

Site Reliability Engineer, American Express

Current Coworker

623-336-0550

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Donald Tucker

John Donald Schmitz
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Former Supervisor
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