Seth **Smith**

SOFTWARE ENGINEER · SITE RELIABILITY ENGINEER

(+1) 702-595-4962 | setsmith@tesla.com | cybertruck

Passionate and driven Software Engineer with a specialization in Windows and VMware Infrastructure. I hope that the technology I create reflects my love for breeding innovation and breaking down complex problems to their very core.

Work Experience

Tesla   *Fremont, California*

SITE RELIABILITY ENGINEER - WINDOWS / VMWARE AUTOMATION   *2020 - Present*

- Selected by Sr. Directors to be placed into a newly developed team with the purpose of scaling Tesla's internal core infrastructure with the assistance of automation
- Tasked to develop, manage, and improve complex automation processes that are used to scale the companies Active Directory and VMWare infrastructure
- Working with popular automation software like PowerShell and Python, I created highly advanced scripts and modules that automated processes that were previously slower and required high levels of human involvement
- Using additional automation frameworks such as Puppet, SCCM, and Splunk, I ensured processes were highly reliable, secure, and produced clean and usable logs
- My role required constant use of common DevOps tools and procedures such as Git, Jira, Bitbucket, Confluence, Clean Coding Techniques, and Proper Logging Procedures
- Responsible for ongoing learning and testing of new applications and technologies to discover new possibilities for efficiency and automation

Tesla   *Fremont, California*

IT SUPPORT TECHNICIAN   *2019 - 2020*

- Working under the IT Operations team for Tesla's 4,100+ servers and 59,000+ workstations
- Tasked to create and deploy internal support applications for Tesla servers that have a reach of 2,000+ clients
- Assisted with IT Support by completing over 5000+ support tickets and over 6000+ support calls
- Working in React, Django, Python and PowerShell to create web applications that interface with Active Directory in a clean and secure manor
- My internal support applications help manage Tesla's 59,000+ employee's accounts and workstations globally

US. Army Reserves (812th TIN-E Signal Company)   *Mare Island, California*

25B INFORMATION TECHNOLOGY SPECIALIST   *2017 - Present*

- Tasked to assist with the startup of a new Signal Company by training incoming soldiers and processing new equipment
- Assisted with training 300+ new soldiers with classroom and hands on courses
- Lead various teams of 10-25 soldiers during training and validation courses
- Tasked to design, build, maintain, and recover 45+ servers used in a Tactical Operations Center
- Worked as one of the units Systems Administrators for multiple Windows and Linux environments
- Responsible for leading a team of 25+ soldiers to build a portable Tactical Operations Center while adhering to strict Department of Defense security restrictions
- Tasked to prioritize Security through multiple defense mechanisms on Confidential, SECRET, and TOP SECRET missions
- Managed an Operations Center that was used to connect over 2400+ soldiers globally using the WIN-T Tactical Warfighter Network

Education

SECTA (Southeast Career and Technical Academy)   *Las Vegas, Nevada*

ADVANCED DIPLOMA   *Aug. 2013 - Jun. 2017*

- High school student volunteering with the ECS department supporting the schools 1500+ workstations.
- Tasked to install, monitor, and maintain over 1500+ workstations, iPads, and laptops for teachers and students.
- While studying as a full time student, I worked to install and repair over 600+ workstations and assist over 1000+ students with credential and connectivity issues.

Honors & Certificates

MILITARY

2018	**The Army Commendation Medal,** Combat Support Training Exercise (CSTX 91-18)	*HQ, 505th TTSB* *Las Vegas, NV*
2017	**SECRET Clearance,** Department of Defense	*Washington DC,* *USA*