Scott Guyton — Software Engineer

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in https://www.linkedin.com/in/scottjguyton/

Skills

Languages: Python, C#, PowerShell, JavaScript, SQL, Bash
Virtualization & Containerization: Docker, Kubernetes, Hyper-V
Cloud Platforms: Azure, AWS, Heroku
Version Control: Git
Automation: Selenium
Database: Microsoft SQL Server, MySQL, SQLite
Operating Systems: Linux, Windows, macOS
Web Technologies: Solr, API
IT Infrastructure: DNS, Networking, IT Security

Relevant Experience

Global Systems Integration LLC **Honolulu, HI**
Chief Technical Officer, *June 2023 - Current*

- I lead the technical direction, development, and information security efforts of Global Systems Integration's main product, a correctional institution student management system for the State of Hawaii.

Wipro / Microsoft **Redmond, WA**
Project Engineer, *March 2021 - September 2022*

- Managed and configured equipment and software for validating Azure Linux & CBL-Mariner images using PowerShell, Python, and Linux.
- Planned and implemented data center lab build-out, including expansion and troubleshooting.
- Introduced hardware monitoring using Nagios, reducing downtime.
- Automated service installation, SNMP equipment monitoring, and interface with serial/UART devices through scripting.
- Provisioned virtual machines, hardware, and devices as requested.
- Conducted root cause analysis on failed test runs and collaborated with cross-functional teams to provide lab access, upgrades, and troubleshooting.

HCL America / Microsoft **Redmond, WA**
Software Engineer, *June 2018 - September 2019*

- Developed a proof of concept application using C#, Azure, and Solr to demonstrate the effective utilization of Solr indexing in creating a searchable records system that monitored large data sets

for personally identifiable information across various file formats.
- This involved setting up and configuring Solr & Zookeeper servers on Windows and Linux, resulting in a live search backend capable of processing terabytes of data.
- Created a proof of concept for a Windows-based Kubernetes Cluster, leveraging Docker to deploy project software using replica sets. Additionally, I orchestrated the installation and configuration of the master node on Linux. These efforts led to the realization that Kubernetes and Docker weren't suitable for our project, saving valuable time and resources.
- Designed an Azure Runbook in PowerShell to facilitate the automatic application deployment from a virtual machine share to other virtual machines using a webhook trigger.
- Strengthened my expertise in Azure's services through hands-on experience with components such as Service Bus, Key Vault, Azure Active Directory, Storage (File & Blob), Azure CLI, and Automation.
- Resolved seven accessibility bugs in Microsoft's PowerApps example applications, ensuring adherence to accessibility standards.

Allyis / Microsoft **Redmond, WA**
Support Engineer, *September 2017 - June 2018*

- Utilized MySQL queries to resolve and fix customer issues related to sign-up and service usage.
- Resolved data display issues in customer interfaces.

Renton Technical College **Renton, WA**
Intern - Software Engineer, *March 2016 - August 2017*

- Designed, tested, and deployed a browser automation script using Python and Selenium WebDriver to download and archive thousands of CSV files.
- Developed a custom version of the Chromium web browser to overcome file-saving limitations.

Education

University of Washington **GPA 3.9**
Master of Cybersecurity And Leadership, *2023 - 2024*

Renton Technical College **GPA 3.58**
Bachelor of Applied Science in Computer Science, *2017 - 2019*

Renton Technical College **GPA 3.735**
Associate of Applied Science in Computer Science, *2015 - 2017*

Heald Business College **Completed**
Certificate of Completion in Cisco Systems, *2007*

Certifications

CompTIA A+ **COMP001004927240**
, *Issued March 2007*

CompTIA Network+ **COMP001004927240**
, *Issued March 2006*

MTA: Software Development Fundamentals **Issued June 2017**
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