

DANIEL GUZMAN

Systems Engineer

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EDUCATION

Brigham Young University - Idaho

B.S. Computer Information Technology

Rexburg, ID

August 2017 - July 2021

PROFESSIONAL EXPERIENCE

GameChange Solar

Systems Engineer

Mesa, Arizona

January 2024 – Present

- Improved and executed Python scripts to automate data collection and troubleshooting; enhanced system reliability by 40% and saved the team 10 hours per week.
- Implemented and rigorously tested Datadog for end-to-end performance monitoring, enhancing performance monitoring and reducing system diagnostic time by 35%.
- Resolved critical issues at GCS Solar Plants by implementing real-time monitoring systems, reducing downtime by 35% and ensuring timely solutions within 2 hours.
- Key Achievement:** Coded, tested, and upgraded Python scripts for automation, cutting down manual intervention by 60%.

General Motors

Application System Engineer

Chandler, Arizona

February 2022 – November 2023

- Orchestrated deployment of 3 applications on Azure virtual servers, enhancing system reliability by 30% and reducing downtime incidents by 50% over six months.
- Managed and launched CI/CD pipelines, ensuring efficient software deployment and reducing manual deployment steps by 45%.
- Directed deployment schedules, risk management, and IT Project Management coordination using ITSM; created change controls to uphold project integrity, resulting in a 30% reduction in deployment-related issues.
- Key Achievement:** Led deployment, trained 3 new college hires, and supported Wavepoint 5 migrations at over 20 GM Manufacturing plants.

Teton Radiology Imaging Center, LLC

IT, System Administrator Intern/Full-time

Idaho Falls, Idaho

November 2020 – January 2022

- Administered critical Windows Servers, Active Directory, and SQL databases, reducing system security threats by 25%.
- Oversaw and fine-tuned DHCP, DNS, and IP management protocols; achieved a 20% increase in network performance and minimized configuration errors, contributing to a more stable and efficient IT environment.
- Key Achievement:** Orchestrated the seamless integration of database and software systems across 3 healthcare facilities, reducing data retrieval times by 40% and improving overall system efficiency by 25%.

PROJECTS

EPS WP5 Migrations - General Motors | Java, SQL, PowerShell, Linux, Azure TFS, Oracle WebLogic

- Created automation scripts to streamline application migration, reducing manual deployment efforts by 40%, saving 28 hours monthly, and boosting system reliability by 35%.
- Deployed 3 full-stack web applications using CI/CD pipelines for manufacturing line testing.

Network Configuration-Tools - GameChange Solar | Python, Putty SSH, Linux, Thinter, Libre Computer, PCBoards

- Developed and implemented two Python GUI tools for batch reconfiguration of network IP settings on Libre computers and PCBoards using data from CSV files; reduced manual workload by 70% and saved 8 hours weekly.
- Led comprehensive testing protocols across 2 testing centers, integrated 2 new features, and operated the tool at 3 sites; enhanced functionality by 40% and operational efficiency by 35%.

SKILLS

Scripting & Programming Languages: Python, Java, HTML, JavaScript, CSS

Cloud Platforms: AWS, Azure, Oracle WebLogic

Database Management: MySQL, Microsoft SQL Server, MongoDB, SQL queries

Operating Systems & Virtualization: Windows Server (2016+), Unix/Linux, VMware, Docker, Microsoft Hyper-V

Networking & Security: DNS, DHCP, TCP/IP, VPN, Active Directory, Okta

CI/CD & DevOps: Azure DevOps, GitHub

Tools & Technologies: Postman, PuTTY, ServiceNow, Jira, VSCode