

# DANIEL GUZMAN

Systems Engineer

Phoenix, AZ

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## EDUCATION

### Brigham Young University - Idaho

B.S. Computer Information Technology (GPA: 3.1)

Rexburg, ID

August 2017 - July 2021

## PROFESSIONAL EXPERIENCE

### GameChange Solar

Systems Engineer

Mesa, Arizona

January 2024 - Present

- Utilized Python scripts for data gathering and problem resolution, improving system reliability.
- Integrated and tested Datadog to manage and visualize testing results, enhancing performance monitoring.
- Acted as an escalation point for critical issues at GCS Solar Plants, providing timely solutions.
- Key Achievement:** Coded, tested, and deployed Python scripts for automation, cutting down manual intervention by 60%.

### General Motors

Software Deployment Engineer

Chandler, Arizona

February 2022 - November 2023

- Led IT infrastructure projects on Azure, developing and configuring applications on virtual servers.
- Managed and executed CI/CD pipelines, ensuring efficient software deployment and reducing manual deployment steps by 45%.
- Developed and maintained metrics for system performance, optimizing response times.
- Key Achievement:** Led deployment, management, and support for 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%.
- Supported networking technologies including DHCP, DNS, and IP management.
- Managed virtual environments using VMWare ESXI and Microsoft Hyper-V.
- Key Achievement:** Successfully managed database and software integrations for healthcare systems.

## PROJECTS

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

- Developed automation scripts for database management, significantly reducing manual deployment steps.
- Deployed 3 full-stack web applications using CI/CD pipelines for manufacturing line testing.

### Libre Network Config-Tool - GameChange Solar | Python, Putty SSH, Linux, Tkinter, Libre Computer

- Designed, developed, and coded a GUI application in Python to simultaneously reconfigure network IP settings for multiple Libre computers using data imported from CSV files, significantly reducing manual steps and saving hours of work.
- Conducted extensive testing of the tool across various testing centers, added new features, and implemented it at deployment sites to ensure functionality and efficiency.

## 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