MAX WEITZ

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EDUCATION

Saint Cloud State University   Saint Cloud, MN
BS Information Systems *GPA: 3.5/4.0*   17/08/2017 - 17/12/2021

- Earned a degree in Information Systems with a specialization in infrastructure design, database design, systems analysis and design, and business, providing a comprehensive understanding of the key principles and practices in these areas.

WORK EXPERIENCE

Willdan Group   Minnetonka, MN
DevSecOps Engineer   10/04/2023 - Current

- - Led and served as the subject matter expert (SME) for the end-to-end implementation of the CI/CD pipeline project, overseeing the building and deployment of Angular and .NET applications across multiple environments. - Successfully managed and maintained 35+ pipelines across 3 products, ensuring seamless integration with the software development lifecycle through close collaboration with cross-functional teams. - Developed and optimized robust CI/CD pipeline templates, promoting reusability and scalability while driving continuous improvements through effective collaboration with team members. - Automated the provisioning of infrastructure on Azure using Terraform, streamlining the deployment process and enhancing operational efficiency. - Implemented automation for configuration and auditing of on-prem infrastructure using Ansible, ensuring consistency and compliance with industry standards.

Midland Credit Management   Saint Cloud, MN
DevOps Engineer   01/01/22 - 31/02/23

- - Implemented a streamlined deployment process by combining Terraform with CI/CD, reducing the deployment time for entire AWS Cloud infrastructure stacks in less than 10 minutes. This improvement resulted in a 60% reduction in deployment time and increased the efficiency of the development team. - Configured essential networking infrastructure, including security groups, route tables, and ALBs within the AWS Virtual Private Cloud (VPC) environment to ensure a secure infrastructure. - Designed and maintained AWS Identity and Access Management (IAM) roles, policies, and documents to maintain adherence to security best practices. - Collaborated with development and operations teams to automate infrastructure provisioning on AWS using Terraform, resulting in increased efficiency and scalability of the infrastructure.

SKILLS

Scripting Languages:	Powershell, Python, GoLang
IaC Tools:	Ansible, Terraform, AWS SDK
Cloud Platforms:	AWS, Azure

PROJECTS

Serverless ChatGPT Discord Bot   https://github.com/Maxyboy50/ChatGPT-Bot-Public
Developed and deployed the Serverless ChatGPT Discord Bot, leveraging AWS Lambda, API Gateway, and DynamoDB to create a highly scalable and cost-efficient serverless architecture. Orchestrated project infrastructure and updates using Terraform, while implementing a streamlined CI/CD pipeline with Azure DevOps for efficient code and infrastructure updates. Ensured high availability and responsiveness, resulting in significantly improved user engagement and satisfaction.

Serverless Linktree Website   https://quicklinks.max-weitz.com/
Developed and deployed the Serverless Linktree Website using Terraform, Azure DevOps, HTML, and CSS. Created a centralized platform to showcase my professional information, including links to my GitHub, Medium, LinkedIn, and resume. Authored a Medium article detailing the development process and the benefits of using serverless architecture. Leveraged Azure DevOps pipeline for seamless updates to both the infrastructure and the HTML/CSS components of the website.