Joao Meira

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Engaged Certified Microsoft Azure Architect focused on AI, automation, governance, monitoring, and scalability of platforms. My technical experience helps drive teams due to my tenacity.

CERTIFICATIONS & ACADEMICS

Microsoft Certifications:
- AI-102 Microsoft Azure AI Engineer Associate (03/17/2025)
- AI-900 Microsoft Azure AI Fundamentals (10/31/2024)
- AZ-303/304 Microsoft Azure Architect Technologies (01/2021)
- AZ-900 Microsoft Azure Fundamentals (05/2023)

Applied Skills:
- APL-7008 Applied Skills - Develop Generative AI solutions with Azure OpenAI Service
- Microsoft Applied Skills: Create agents in Microsoft Copilot Studio (11/22/2025)

Clearance:
- Secret T5 Clearance (Active, expires 2027)

Education:
- San José State University, San Jose, CA - BS Computer Science; Minor: Mathematics (Dec 2004)
- Diablo Valley Junior College, Pleasant Hill, CA - Associate in Science (AS) (May 2002)

CLOUD ARCHITECT

- Leveraged Content Safety image and text analysis blocklist, Computer Vision image analysis and OCR, NLP (Text analysis, STT and TST) and Doc Intelligence invoice extractions using REST API, Python SDK and CS Studio.
- Labeled Dataset using Azure Machine Learning Data Labeling Project in ML Studio to generate Coco file to train and publish an Object Detection Custom Vision Models.
- Created AI Search RAG, Computer Vision, Speech and language, Video index, Translator, Doc Intelligence Azure AI Services in Azure AI studios, and Open AI GPT 4.0, DALL-E, ADA Embedding services Azure open AI Studio.
- ML models to predict labels and classify data, NLP docs and form analysis, AI Vision image and video analysis.
- Authenticated with keys and endpoint, and Azure Entra ID to Azure AI services.
- Troubleshoot several categories of security benchmark initiative of 256 policies with Microsoft defender for cloud to assure deployment of resources according to CAF.
- Deployed and configured Azure Landing Zones CAF compliant Terraform Accelerator Archetypes.
- Organized and Governed archetypes' management groups, subscriptions, policies, and role assignments.
- Strengthened Network Security with Azure Firewall, Azure Firewall policies, collection, rules and UDR routes.
- Migrated Azure Cloud services (classic) to Azure Resource Manager Cloud Services (extended support).
- Deployed application to App Services, and App Service Plans to host .Net Web Applications.
- Configured Azure logs and metrics with diagnostic settings, monitor insights, monitor for containers.
- Changed Synapses SQL Pools authentication method from local DB account to AAD user principals.
- Scaled Azure SQL Databases PaaS offerings by scaling of App service plans vertically and horizontally.
- Configured Darktrace security systems' VSensors and OsSensors to scrape OS Systems.
- Programmatically modified numeric data types of AWS RDS MySQL and Aurora databases leveraging Python.
- Installed Tableau server and configured custom domain name and certificate for the application's access.
- Filtered AWS cloud trail logs triggering serverless lambda to send marketplace products update to SNS protocol.
- Ansible scripts to deploy Prometheus, Alert Manager, and Grafana packages and scaled with AWS ECS and ECR.
- Power Shell automation to create AD OU, Users, app and site for IIS on premise .Net application deployments.
- Deployment of Kubernetes Cluster Master, Nodes, Pods, containers, and Load Balancer services communication.

- Declaratively and imperatively deployed applications' image to AKS. Expose, Rollout and Rollback deployments.
- Use of appliances to discover, assess, and find dependencies of On-premise server for Azure Cloud migration.
- Hypervisors such as VMWARE and Hyper-V. VMware infrastructure to include Network capacity and storage.
- Ability to configure fslogix, Azure VM image builder, Azure Files, AD connect, Azure Computer Gallery for VDI.

PROFESSIONAL EXPERIENCE

Ascendion Inc. | Azure Solutions Architect, CA (03/2025 – Present)
- Implemented GitHub Enterprise Cloud (GHEC) with Azure Entra ID integration for enterprise authentication and SSO.
- Configured GitHub Advanced Security across organization repositories including Secret Scanning for credential detection, Code Scanning with CodeQL for vulnerability analysis, and Dependabot for automated dependency updates.
- Configured Azure DevOps Advanced Security with automated vulnerability detection and security scanning integration.
- Integrated GitHub Apps with Azure DevOps pipelines for seamless CI/CD workflows and cross-platform automation.
- Implemented Power Platform ALM strategies using GitHub and Azure DevOps for application lifecycle management, including solution deployments, environment management, and automated release pipelines.
- Configured GitHub-Hosted Runners with Azure VNet Integration for Dominion Energy, including GitHub.Network provider registration, subnet delegation, and network settings resource creation with GitHubId hash configuration.
- Established GitHub Enterprise Cloud hosted compute networking with Azure private network integration, runner groups, and repository access configuration at both enterprise and organization levels.
- Consulted on Active Directory password filtering solutions and registry security configurations.

Callaway Golf | Lead Azure Architect, CA (10/2023 – 10/2024)
- Troubleshoot Cloud security benchmark initiatives with 256 policies for compliance categories of Logging and Threat Detection, Incident Response, Data Protection, Identity Management, and Privileged Access.
- Configured Microsoft Defender for cloud subscriptions enabling resource manager to monitor ARM operations, keyvault security, DNS, Cloud data exporting log analytics, and cloud security contacts.
- Configured agile deployments methodology for azure landing zones with GitHub action.
- Avoided deployment of subnets without NSG, and storage account sharing main or SAS keys, public IPs exposure.
- Assessed Azure Cloud Environment and Executed Azure Landing Zones deployments with Terraform Accelerator.
- Guided Migration from Classic services to ARM and Consulted on azure light house and Sentinel.
- Customized Policies' Archetypes to reflect companies' business plans.
- Configured Darktrace Sensors, VSensors and OsSensors, to scrape OS Systems.
- Configured terraform reusable modules for azure resources and services deployment standardization.
- Setup and configured Azure firewall, Azure firewall policies and Network rules.
- Configured UDR traffic through Azure firewall and configure Azure firewall.
- Leveraged Git-Hub action push, pull, yml files for authentication and deployment to azure.
- Leveraged Synapses embedded ML capabilities along with the Database.

US VA Affairs | Lead DevOps and Azure Architect, VA (05/2023 – 08/2023)
- Investigated Synapses Data Services Pipelines' failure.
- Collaborated with Data Engineers to create accurate bugs for remediation.
- Helped in Hardening Linux RedHat and Windows 2016-2019 servers.
- Remediate Nexus scan reports' vulnerabilities.
- Automated Key Vault Linked Services for Synapses workspaces environments.
- Changed Synapses SQL Pools authentication method from local DB account to AAD user principals.
- Created Inventory of cloud resources and updated SOPs to reflect findings.

Altra Motion | DevOps Developer and Azure Architect, IL (12/2022 – 05/2023)
- Automated ADF data services infrastructure with Terraform, Git-Hub and Azure DevOps.
- Configured Self-Host agent to setup SQL Managed Instances larger cluster.

- CI and CD to Dev with PowerShell script to replace subscription bonded variable and parameters, then CD to Production.
- Leveraged Git-Hub to trigger CI Built pipelines.
- Configured ADLS datasets for Datafabrics, and Azure Entra ID identities for DataBricks.
- Cloned ADF Development contents to automate CI/CD of Production environment.
- Included Dataset, Workspace, Pipelines, Triggers, LS, and Linked and Self-Host IRs.
- Power Shell Script to leverage FTPS module to send Reports to headquarters.
- Configured Azure DevOps Self-Host Server for CD of SSIS and DACPAC packages to Azure SQLMI private link.

Vertical Knowledge | DevOps Engineer and Developer, Cleveland, OH (03/2021 – 12/2022)
- Obtained a Secret T5 Clearance that the investigation was closed in April of 2022 for access DOD projects (active through 2027).
- Scripting python to alter AWS RDS MySQL DB and Archive to AWS S3 glacier.
- Scripting PowerShell to Automate AWS keys rotation with keeper as vault.
- Scripted Terraform to deploy EC2 and deploy tableau server with host name and certificate.
- Automated on and off boarding of a proprietary application with PowerShell.
- Created scripts to automate a windows domain, SQL and IIS server password reset process.
- Created a windows Dev environment for a .Net application on VMware environment.
- Email notification on AWS Web Services' platform to capture events modifying AWS Market place product.
- Leveraged AWS Elastic container services with ec2 and fargate, and Elastic container registry to scale our SRE.
- Created a script to migrate open Ldap users' groups and projects to Azure Active Directory.
- Involved in lifting and shifting monitoring system as Sensu/Grafana to Prometheus/Alert Manager/Grafana.
- Diagramed various AWS accounts' VPCs, VPC peering, Subnets, Security Groups, EC2, S3, EBS, LB, RDS, SNS.
- Leveraging Jira as a project management tool to create stories and documentation repository.

Dominion Enterprises | DevOps Cloud Engineer, Norfolk, VA (04/2019 – 03/2021)
- Linux OS Azure VM deployments from snapshots and master images, setup monitoring alerts with Nagios.
- Automation to Tier scalation Scale, in/out instances App Service plans.
- Visual Studio Source control management and Azure DevOps CI/CD application/services deployment.

GE HealthCare | Cloud Engineer, Richmond, VA (07/2018 – 03/2019)
- Linux, Nginx proxies and ModSecurity with WASP rules.
- Citrix XenApp deployment for local and overseas teams with resources for the DevOps team.

Intarcia Therapeutics, Inc. | Network Administrator, Hayward, CA (01/2008 – 03/2017)
- Trained Employees and field consultants across departments supporting company growth from 36 to 300 employees.
- Virtualized Company's Server infrastructure and Supported Hybrid environment.
- Collaborated in Migrating on-prem Exchange to O365 and maintained O365 business platform.
- Created and Maintained Company's R&D lab, documented on-premises and cloud infrastructure using Visio.

References available upon request