Howard Montes De Oca
Cloud Engineer

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https://hmontesdeoca.github.io

EXPERIENCE

Tata Consultancy Services   **Jul. 2022 - Currently**

Account: Digitate

- Provisioned, managed, and Upgraded over 120+ Azure Kubernetes Services Clusters via Azure DevOps Pipelines, Terraform (IaC), and Bash scripting
- Deployed company's healding product *Ignio* with end-to-end TLS encryption on major cloud providers such as: GCP, AWS, and Azure
- Automation of Helm deployments, Container upgrades, component installations, and Disaster Recovery for AKS/EKS deployments
- Experience with AWS Network Load Balancing / Application Load Balancing, Azure Application Gateway and GCP Internal / External Load Balancers
- Deep understanding of AWS, Azure, and GCP product suite and proficient in Multi-Cloud deployments

Account: TCS Internal   **Sep. 2021 - Aug. 2022**

- Designed Frontend Load-Balancers, Managed Instance Groups, and deployed Proof of Concept applications to GKE clusters
- Created GKE clusters with Anthos Service Mesh for service-to-service Communication

PERSONAL PROJECTS

SteamDump / JavaEE, Apache Tomcat, HTML, CSS, JSP   **Apr. 2022 - May. 2022**

- Grabs profile information from Steam API via OkHttp Requests
- Processes requests with Jackson JSON Parser
- MVC Design structure with HTML/CSS/JSP Frontend, Servlet Controller, and Java Backend

SKILLS & CERTIFICATIONS

- AZ900 and GCP Certified, Experience with AWS (*Pending AWS Solutions Architect)*
- Proficient with Kubernetes, Linux, TCP/IP, HTTP/HTTPS, Terraform, and Java
- Familiar with Docker, Kotlin, C++, python, PostgreSQL, and Neo4j

EDUCATION

Bachelor's Degree in Computer Science,   **Sep. 2016 - May. 2021**

California Polytechnic University Pomona