

# Mark Mon Eleazar Monteros, CCNA



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**Notice period:** Immediate

## OBJECTIVE:

Senior DevOps, Platform Engineer, and Software Engineer with 10+ years of experience in the IT industry and 7+ years specializing in cloud infrastructure, automation, DevOps, and platform engineering. Strong background in software development, Kubernetes, AWS/GCP/Azure, CI/CD pipelines, GitOps, automation frameworks, microservices, and modern scalable architectures.

Holds a Bachelor's Degree in Information Technology, is a Cisco Certified Network Associate (CCNA), and an ASC Accredited Engineer (IBM/Lenovo/MSI/ECS). Extensive experience in multi-role positions including Business & Integration Architect, DevOps Lead, Automation Engineer, and Technical Team Lead.

Delivered production-grade CI/CD pipelines, Kubernetes architectures, automation frameworks, internal developer tools, and large-scale deployments for enterprise clients.

## Strengths & Recognition:

- Rapid problem isolation & Root Cause Analysis (RCA)
- Building automation tools from scratch
- Designing secure, scalable cloud & Kubernetes workloads
- Leading teams, mentoring engineers, and driving technical excellence
- Multi-domain expertise across DevOps, Software Development, Networking, Cloud, and Security

## TECHNICAL & FUNCTIONAL EXPERTISE:



### CORE COMPETENCIES

- Software Engineering
- DevOps/Platform Engineering
- Infrastructure Automation
- Application/API Integration
- Cloud Architecture (AWS | GCP | Azure)
- CI/CD Pipelines
- Containerization
- Infrastructure as Code (IaC)
- Data Science
- Configuration & Optimization
- Network Engineering
- Security & Monitoring
- RCA (Root Cause Analysis)



### SOFTWARE DEVELOPMENT & AUTOMATION

- **Languages & Scripting:** Python (Flask, Pandas, NumPy, PyQt, Tkinter, Kivy), Bash, Golang, Curl, Expect, Java (Spring MVC, Hibernate), C#, PHP, JavaScript (ReactJS, NodeJS, PhaserJS), HTML/CSS,
- **Frameworks & Tools:** Flask, Selenium, Bootstrap, jQuery, RESTful & SOAP APIs, JSON/XML Integration, Ant, Git/GitHub
- **Methodologies:** Agile, Scrum, SDLC, CI/CD, Automation Testing, Process Flow & Data Modeling

## CLOUD, DEVOPS & PLATFORM ENGINEERING

- **Cloud Platforms:** AWS, GCP, Azure, Salesforce
- **IaC & Automation:** Terraform, Ansible, AWS CloudFormation, CI/CD Pipelines, GitOps
- **CI/CD:** Jenkins, GitHub Actions, GitLab CI, Bitbucket, GitOps/ArgoCD, AWS CodePipeline
- **Builds** - Single and Multi-Architecture Build Sets (aarch64/arm64/amd64), Self-host Runners
- **Containers & Orchestration:** Container Registries (Local, DockerHub, GAR, ECR, GCR, ACR, Artifactory, JFrog, Harbor), Docker (ECS, GCS, ACS, OrbStack), Kubernetes (EKS, GKE, AKS, K3S, K3D, Minikube), Helm, Rancher, Ingress, ConfigMaps, Secrets, Deployments, ReplicaSets, DaemonSets, StatefulSets, Middleware, HPA, CronJobs
- **Monitoring & Observability:** Prometheus/Metrics, Loki, Datadog, Grafana, Elasticsearch/Opensearch, Logstash, Fluentbit, Kibana, APM, Log rotate
- **Storage/Cache** - S3 Bucket, MinIO, Redis (Master, Replicas, Sentinels), Memcached
- **Databases/Queues/Streams** - AWS RDS, DynamoDB, AWS SQS, AWS Lambda/Serverless, SNS, Kafka, Webhooks
- **Network:** Ingress (NGINX, Traefik), Gateway API, LoadBalancers, VPCs, IPAM Pools
- **MDM & Remote Management:** Jamf Pro (JSS), Casper Suite, SSH, Telnet, Citrix, RDP
- **Cost Optimization & Cloud Security:** IAM Policies/Roles, AWS Secrets, KMS Encryption, AWS Cost Explorer, SAML/SAML2/OIDC/OAuth, Budget Controls, Resource Scaling (auto-scaling, HPA, spot instances, InfraCost)

## SERVER & SYSTEMS ADMINISTRATION

- **Operating Systems:** Unix/Linux (Red Hat, Debian, Ubuntu, CentOS, Alma, Rocky, SUSE, Mint & Kali-Linux), MacOS, Windows Server (2008/2012), UNIX, iOS, Android
- **Server Administration:** AD, DHCP, DNS, FTP, TFTP, Web, SQL, NTP, MX
- **Virtualization:** VMware, vCenter, vSphere, ESXi, PXE Boot, CCBoot
- **Storage Management:** SAN, NAS, RAID, SSD, HDD, USB, NTFS, EXT3, FAT, APFS

## NETWORKING & SECURITY

- **Routing & Switching (L3/L2):** VLAN, OSPF, BGP, EIGRP, RIP, STP, RSTP, EtherChannel, LACP, Port Security
- **Network Devices:** Cisco (ASA, Catalyst, Nexus), Mikrotik, TP-Link, D-Link
- **Protocols & Services:** TCP/IP, DNS, VPN, DHCP, NAT, PAT, GRE, IPsec, DMZ
- **Firewalls & Proxy:** Cisco ASA, WatchGuard, Fortinet, HP Proxy Servers
- **Monitoring Tools:** SNMP, NetFlow, Syslog, Wireshark, SolarWinds

## SECURITY, ETHICAL HACKING & VULNERABILITY ASSESSMENT

- **Tools:** Kali Linux, Metasploit, Beef, Armitage, MITMF, NMAP, Zenmap, Netdiscover Mint & Kali-Linux), MacOS, Windows Server (2008/2012), UNIX, iOS, Android
- **Server Administration:** AD, DHCP, DNS, FTP, TFTP, Web, SQL, NTP, MX
- **Virtualization:** VMware, vCenter, vSphere, ESXi, PXE Boot, CCBoot
- **Storage Management:** SAN, NAS, RAID, SSD, HDD, USB, NTFS, EXT3, FAT, APFS

## DATABASES & DATA SCIENCE

- **Databases:** MySQL, MS SQL, PostgreSQL, MS Access, NoSQL, SQLite, MongoDB
- **Data Tools:** Pandas, NumPy, SciPy, Regex, Excel Automation, Data Visualization, Matplotlib, SQL Alchemy, PHP Artisan
- **Machine Learning Foundations:** Feature Engineering, Predictive Modeling (Python-based)

## ELIGIBILITIES/CERTIFICATIONS:

- Cisco Certified Network Associate (CCNA) [CISCO ID: CSC013002970](#)
- ASC Accredited Engineer (IBM/Lenovo/MSI/ECS)
- 70-410: Installing and Configuring Windows Server 2012
- Civil Service Eligible (Professional Level)

## WORK EXPERIENCE:

- **Emapta Inc.** – Philippines/UK/India (Remote)  
Position: **Automation/Platform Engineer**  
Duration: Nov 2022-recent  
**Responsibilities Automation/Platform Engineer**
  - Maintain, optimize, and troubleshoot application infrastructure in AWS
  - Implement best practices for cloud security, scalability, and performance.
  - Design, develop, and maintain CI/CD pipelines for automation provisioning, configuration for seamless deployment
  - Automate build, test and release workflows to enhance software delivery
  - Collaboration with automation project team members and other teams
  - Provide technical consultations, guidance and mentorship to automation project team members
  - Identify and resolve performance bottlenecks in automated workflows
  - Optimize build and deployment times through automation enhancements
  - Contributed to platform modernization efforts, including early migrations into containerized and orchestrated environments
  - Containerized multiple applications and managed their deployment on Kubernetes (EKS)
  - Implemented scalable microservices and automated deployment workflows using Helm
  - Managed Kubernetes resources: Deployments, Services, Ingress, ConfigMaps, Secrets, HPA
  - Troubleshoot cluster and pod-level issues, optimized workloads based on resource usage
- **Kumu Inc.** – Metro Manila, Philippines (Remote)  
Position: **IT DevOps Lead**  
Duration: Nov 2021-Nov 2022  
Reason for Leaving: Company downsizing due to financial instability.  
**Responsibilities IT DevOps Lead**
  - Maintain application infrastructure in AWS
  - Maintain pipeline pools in all environments.
  - Cost Optimization/Reduction.
  - Services and traffic migration.○ Setup tools/new tech needed for infrastructure/application.
  - Containerizing apps and deployment to multiple servers.
  - Deployment and demo of new release items/features every sprint.
  - Conducts collaboration meetings weekly.
  - Build process, workflow, cloud flow design and architecture.
  - Managed application infrastructure running on Kubernetes clusters
  - Built GitHub Actions pipelines for automated deployments to K8s environments
  - Performed zero-downtime rollouts, scaling strategies, and performance tuning for pods/services
  - Implemented Kubernetes ingress routing, TLS, and blue-green deployments
- **Parlay Games** – Canada (Remote)  
Position: **IT-DevOps/Game Developer – Team Lead / IT Consultant**  
Duration: July 2020-Dec 2021  
Reason for Leaving: End of contract.  
**Responsibilities IT-DevOps/Game Developer – Team Lead / IT Consultant**
  - Front-end and back-end game development.
  - Optimization and enhancement of graphics/animations of games.
  - Docker containerizing and deployment to multiple game servers.
  - Assigns weekly sprint load to the team.
  - Conducts collaboration meetings weekly for point estimations.
  - Coordinates with clients and leads the development team in every project.
  - Builds process, workflow, cloud flow design and architecture.
  - Compiles codes for testing and deployment.
  - Automation of business processes for a smarter, faster, efficient and more agile enterprise.
  - Implemented IaC (Terraform) and containerization (Docker/Compose/ Swarm/ECS) for all environments.

▪ **Accenture** – Metro Manila, Philippines

Position: **Business & Integration Architect – Team Lead / IT Consultant**

Duration: May 2018-Mar 2021 – 2.10 yrs.

Reason for Leaving: Remote site not applicable in province

**Responsibilities as Business & Integration Architect – Team Lead / IT Consultant:**

- Aligning technology with business strategy and goals.
- Work directly with the client gathering requirements.
- To analyze, design and/or implement technology best practice business changes.
- Coordinates with clients and leads the development team in every project.
- Builds process, workflow, cloud flow design and architecture.
- Compiles codes for testing and deployment.
- Automation of business processes for a smarter, faster, efficient and more agile enterprise.
- Develops Salesforce CRM for desktop and mobile apps.
- Salesforce integration to external apps.

▪ **Concentrix** – Spark Place, Cubao, Quezon City, Philippines

Position: **Asst. IT Manager – Technical Lead**

Duration: Mar 2017-Apr 2018 – 1.1 yrs.

Reason for Leaving: Better opportunity.

**Responsibilities as Asst. IT Manager – Technical Lead:**

- Technical lead role in the IT team.
- Conducts training for the entire IT members in the team.
- Manages tickets, staff schedules and PTO approvals.
- Handles tier 2 tickets, serves as the escalation point for Tier 1.
- Maintain Active Directory IDs.
- Root Cause Analysis.
- Scripting, debugging and deploying on software device management.
- Pushing policies and configurations on devices remotely.
- Monitoring/escalation if outages occur.
- Ensure security standards on all servers, desktops and networks.
- Help maintain several hundreds of remote agents (Windows 7+, Mac OSX 10.11+), hardware/software current as new updates are released and approved by customer.
- Use tools to ensure all systems have proper upgrades and security settings/antivirus in place.
- Monitor usage of resources and report abuse by employees.
- Troubleshoot general desktop issues for agents and hierarchy.
- Lock down and unlock devices in attrition.
- Create reports and suggestions to manager.

▪ **BROODtech Printworks & Computers** – Philippines

Position: **Operations Manager / Network & Systems Administrator**

Duration: Mar 2012-Aug 2016 – 4.5 yrs.

Reason for Leaving: I want to experience more especially working in an MNC company for me to learn and enhance my skills.

**Work Description as Operations Manager / Network & Systems Administrator:**

- Manages and maintains company's existing network, PCs, housekeeping and back-up of company server(s).
- Configure servers, routers, switches and other devices (notebooks, mobile, printers, etc.) connected on the network.
- Creates topologies, routes and IP addresses for new network projects.
- Configures firmware settings/telnet devices on network through CLI or GUI.
- Enhances network performance and fixes network connection conflicts.
- Exchange Server and Active Directory Configuration and maintenance.
- MS Windows 2008 R2 Implementation, Administration and support. Inclusive of Domain Controllers, DNS, DHCP and Active Directory.
- Enforces and deploys applications and upgrades following standard changes and release management process.
- Maintains software, IT maintenance contracts, liaise with contractors, conduct troubleshooting and updating of accounts in Active Directory.
- Liaises with vendors on technical issues and system upgrading.

- Identifies and recommends necessary actions to improve the IT infrastructure of the company.
- Creates and configures VLAN and Port-security settings.
- Responsible in monitoring, system and LAN/WAN networks to ensure that all connectivity is working with the use of Solarwinds monitoring tool.

- **Smartmatic (SMMT-TIM) Job volunteer during National Elections** – Philippines

Position: **VCM Tech Coordinator**

Duration: Nov 2015-May 2016 – 7 mos.

Reason for Leaving: End of contract.

**Work Description as VCM Tech Coordinator:**

- VCM (vote-counting machine) operation and maintenance.
- Responsible for VCM troubleshooting, security and transmission.
- Deployment of VCM on assigned precincts.
- Conducts training and seminars for VCM technicians and voters.
- Assist BEI's for proper process/methods on handling VCM.
- Monitor BEI's reports and collecting them after vote counting.
- Assist BEI's on sealing VCM and transportation to COMELEC.

- **City Accounting Office, City Govt. of Surigao** – Philippines

Position: OJT (On-the-Job Training)

Duration: Aug 2011-Jan 2012 – 6 mos.

Reason for Leaving: End of Contract.

**Work Description:**

- Maintain and troubleshoot desktop computers, computer related hardware and software devices in the accounting department.
- Create reports in every equipment issue handled.
- Escalate issues to equipment team for any device replacements.
- Deploying and setting up devices in the whole department.

- **Biologic Systems** – Philippines

Position: Computer Technician

Duration: Mar 2009–Feb 2011 – 2 yrs.

Salary: P10,000 / monthly

Reason for Leaving: End of Contract.

**Work Description as Computer Technician:**

- Computer hardware sales and customer services.
- Repair, maintain and troubleshooting of computer hardware.
- Operating system installation and other software.
- Network cabling, configuration and maintenance.

### **TRAININGS/SEMINARS:**

- Angel and Venture Capital Firm Investment — Philippines, 05 Oct 2025
- Google Cloud Fundamentals for AWS Professionals — Philippines, 25 Apr 2022
- Salesforce.com Lightning Training (80015029) — Accenture Uptown Mall Tower 2, BGC, Taguig, 16 Jul 2018
- Salesforce.com Basic Developer Bootcamp (DEV401) — Accenture Gateway Tower 2, Cubao, QC, 11 Jun 2018
- Troubleshooting Linux, macOS, and JSS/Jamf Administration — Concentrix Spark Place, Cubao, QC, 24 Apr 2017
- 200-120 CCNAx: Interconnecting Cisco Networking Devices (Accelerated) — Nexus IT Training Center, Pasig City, 20 Nov 2015
- VMware 5.5: Install, Configure, Manage — Nexus IT Training Center, Pasig City, 19 Nov 2015
- 70-410: Installing and Configuring Windows Server 2012 — Nexus IT Training Center, Pasig City, 20 Nov 2015
- Smartmatic (SMMT-TIM): VCM Operation Training — VMO Hotel, Surigao City, 29 Feb 2015
- ASC Accredited Engineer (IBM/Lenovo/ECS/MSI) — IBM Plaza, Eastwood, Libis, QC, 23 Aug 2015
- Scinettek Web Programming (HTML, CSS, Java, WordPress, Apache, MySQL) — DepEd, Rizal St., Surigao City, 28 Oct 2015
- DOLE: Safety and Precautions Training — Hotel Grande Suites, Surigao City, 04 Aug 2015

## **AFFILIATIONS:**

- International Order of Demolay (*Leon Kilat Chapter*) – Dumaguete City, Philippines
- Smartmatic (SMMT-TIM) Outsourcing Team & VCM Tech – Surigao City, Philippines

## **PERSONAL PARTICULARS:**

- AGE: 37
- DOB: May 21, 1988
- Nationality: Filipino
- Gender: Male

## **EDUCATION:** (Graduated on the following institutes/universities)

- **College:** ST. PAUL UNIVERSITY SURIGAO, Surigao City, Philippines  
**Bachelor of Science in Information Technology**
- **Secondary:** CARAGA REGIONAL SCIENCE HIGH , Surigao City, Philippines
- **Primary:** SURIGAO CITY PILOT SCHOOL, Surigao City, Philippines

## **CHARACTER OF REFERENCE:**

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