

Michael Elmasry

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Cloud Engineer – Client Solutions Engineer - Customer Manager

WORK EXPERIENCE

Chevron

Jan 2022 – Present

Cloud Engineer/Client Solutions Engineer – Connected Worker

- Motivate clients to address issues by utilizing a broad range of technical skills.
- Engage with Chevron's internal clients to pinpoint and validate business prospects, tackle technical hurdles, and devise strategies to address technical challenges.
- Maintain the technical rapport with clients, including managing product and solution presentations, conducting product demos, executing proof-of-concept tasks, and coordinating supplementary technical resources.
- Collaborate with clients to showcase and prototype Connected Worker product integrations within client or partner settings. Advise on migration strategies and enterprise architectures to complete solutions following Chevron's best practices.
- Deliver innovative solutions in mobile devices and wearable technologies to internal Chevron customers.
- Travel to client sites, conferences, and other relevant events as necessary. Meet with vendors to vet and explore new devices.
- Manage the team responsible for supporting the customer after the deployment of any implemented solutions.
- Explore wearable devices to improve safety for health and vitals monitoring.
- Utilize AR/MR devices for virtual training, remote maintenance and repairs, and equipment analysis.
- Motivate clients to address issues by utilizing a broad range of technical skills.

Chevron

Jan 2021 – Jan 2022

Cloud Engineer – Azure Cloud Platform

- Championed the migration from VMWare Private Cloud Environment to Azure VMWare Services, yielding a streamlined infrastructure with enhanced system flexibility.
- Designed methodologies for cloud migration and implemented best practices, fostering team learning and continuous infrastructure improvement.
- Utilized Azure for Cloud Service projects, deploying to Web Apps, PaaS, IaaS with Ansible and Docker for optimized performance.
- Demonstrated Cloud Computing and Infrastructure Modernization advantages, fostering organizational technological advancement.
- Conducted a PoC of Network Segmentation solutions and ultimately selecting the solution that is currently in use across Chevron's Cloud Infrastructure.

Chevron

Jan 2020 - Jan 2021

Cloud Engineer - Web Services

- Pioneered cloud migration methodologies as a Cloud Engineer in 2020, developing innovative strategies.

- Administered F5 functions for smooth network operations.
- Preserved, the vital service relationship between Hewlett Packard Enterprise and Chevron, a global energy leader.
- Managed Web Technologies like IIS Administration for secure web communications.
- Maintained Cisco HyperFlex Hardware for optimal ESXi Host performance.
- Implemented Agile SAFe Methodologies, boosting enterprise efficiency.
- Constructed automation with Docker, increasing delivery speed.

Chevron

Jan 2017 - Jan 2020

IT Support Engineer - Cybersecurity and Technical Innovation

- Acknowledged as Chevron's technical innovation expert, and foremost subject matter expert for understanding, implementing and managing cutting edge technologies.
- Engineered and upgraded a highly secure network architecture for Chevron's Building Automation System.
- Mastered Microsoft HoloLens technology.
- Assessed cybersecurity technologies and formulated a strategic plan.
- Constructed a cutting-edge lab for evaluating cybersecurity tech.

Chevron

Jan 2015 - Jan 2017

IT Support Engineer – Process Control Networks

- Bolstered the Chevron HVAC Building Controls System through consistent upkeep and upgrades, ensuring operational efficiency.
- Delivered reliable after-hours support as part of an On-Call rotation team.
- Facilitated Mac users' migration to Windows with expert assistance.
- Sustained Eaton-PowerLogic electrical system for Chevron buildings.

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Infrastructure Support Analyst - OnGuard Video Surveillance System Nov 2008 - Jan 2015

- Constructed a Windows 2008 Failover cluster with SAN Storage for data management.
- Addressed issues for over 300 global Network Video Recorder servers.
- Bolstered system security, significantly reducing accidental data breach risk.
- Managed server maintenance monthly with WSUS and SMS for optimal performance.
- Successfully passed Chevron Audit of OnGuard NVRs/DVRs with flying colors.
- Upheld the stringent standards of Intellectual Property with commitment.
- Deployed IP and Analog cameras to boost organization's security.
- Implemented and crafted a small-scale CCTV solution via imaging.
- Spearheaded global OnGuard video surveillance system setup.

EDUCATION & CERTIFICATIONS

- San Jose State University – Business Management
 - Microsoft Certified: Azure Administrator
 - SAFe for Teams
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