EDER MAZARIEGOS-MCCOY

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CLOUD SOLUTIONS ARCHITECT | FULL-STACK WEB DEVELOPER | SITE RELIABILITY ENGINEER

Architecture | Design | Development

Motivated, experienced, detail-oriented Site Reliability Engineer highly regarded for delivering professional, elegant solutions to cloud-based application design. Exceptional interpersonal skills, with the ability to examine and understand client needs and deliver innovative responses on time and under budget while exceeding stringent expectations. Strong team leadership skills with experience working in a team environment, able to collaborate with individuals from diverse backgrounds.

SELECTED HIGHLIGHTS

- ❖ Solves technical challenges related to client needs in high-risk scenarios
- ❖ Creates CI/CD pipelines, develops and deploys Cloud-Based (AWS) web applications as a Full-Stack web developer and Site Reliability Engineer for various clients
- ❖ Operates and facilitates development and production deployments in both on-prem and cloud related environments
- ❖ Possess Active Secret Clearance

CORE COMPETENCIES

- Automation Within Cloud
- Cloud Migration & Deployment
- Application Containerization
- Container Orchestration

- Full-Stack Web Development
- Project Management
- Agile Methodology
- Database Design/Development

- Software Development Life Cycle
- Application Testing

PROFESSIONAL EXPERIENCE

RED HAT | NEW YORK, NEW YORK | 2022 TO PRESENT
Site Reliability Engineer

Utilizes business solutions built on Red Hat's enterprise open source technical stack to contribute to, develop, and expand Red Hat's SRE practices and tooling. Contributes to automation of infrastructure and application management, and helps showcase best-in class Infrastructure-As-Code and GitOps implementations, using Ansible, ArgoCD, GitLab CI, k8s operators and other modern technologies.

- Build and manage large scale infrastructure and platform services, including public cloud, private cloud, and data center-based
- Work with live systems and coding automation
- Ensure the production environment is operating in accordance with established procedures and best practices
- Containerize applications and create various CI/CD pipelines for process automation
- Automate cloud infrastructure through use of technologies (e.g., auto scaling, load balancing, etc.), scripting (Bash and Python), monitoring and alerting solutions

BOOZ ALLEN HAMILTON | WASHINGTON, DC | 2019 TO 2022
DevOps Engineer (Senior Consultant)

Utilizes strong technical and analytical skills to explore and examine data from multiple disparate sources with the goal of discovering patterns and previously hidden insights, which in turn may provide a competitive advantage or address pressing business problems.

- Build, deploy, and secure rapid operationally efficient solutions for growth and development within verbose web applications.
- Architect and develop cost efficient dynamic containerized applications using a wide array of technologies including Docker, Kubernetes (k3s and k8s), Rancher, Konvoy, HELM, and Swarm.
- Modernize cloud infrastructures by implementing automation, CI/CD, and development processes enhancements.
- Develop while adhering to NIST Risk Management Framework (RMF) in order to expedite time for ATO approval for applications.
- Support the Knowledge Management System, an Army affiliated application which provides clients the ability to

efficiently search and retrieve large volumes of datafiles.
- Supported Shared Security Services (SSS), an Airforce affiliated cloud-based environment which provides strong, secure, and advanced capabilities built to minimize application development life cycle and operational risk.

UNIVERSITY OF CENTRAL FLORIDA | ORLANDO, FL | 2017 TO 2019
IT Specialist
Support daily department operations by providing expedient, high-quality technical service to broad population of students and staff. Provide professional instruction on software such as MS Teams and OneDrive. Proactively address issues by liaising across departments to negotiate and implement effective solutions.
- Train interns, deans, professors, and faculty in software such as MS Teams and OneDrive, ensuring thorough understanding by utilizing active listening to evaluate and improve comprehension.
- Collaborate with System Administrators to present solutions for end users in multiple scenarios.
- Solve challenges related to department merger by planning and executing technical infrastructure and server integration and migration from multiple sources into one domain on the cloud.

PROJECTS

KMS (Knowledge Management System)
The Knowledge Management System is an application built for clients to allow for efficient search and retrieval of documents over large volumes of datafiles (pdf, images, doc, xls, ppt, txt, logfiles, etc.). The system is scalable to handle volumes in the > terabyte range and utilizes a data ingest pipeline to allow for smart categorization of datafiles through machine intelligence/learning, smart metadata retrieval, Optical Character Recognition, among other features.
Position: DevOps Engineer (Full-stack Web Developer and DevOps Specialist)

USSTRATCOM EDE
The USSTRATCOM EDE is a single, unified enterprise data environment built for the NC3 Enterprise.
Position: Lead DevOps Engineer

Highlighted Contributions:
- *Lead in Kubernetes Migration. Containerized and deployed applications in a HA k8s cluster.*
- *Designed and Implemented Architecture for environments hosted in AWS*
- *Onboarded application components such as Airflow and Postgres*

Blank Cut
A digital platform startup that provides people with tools and software for starting and running their businesses. The platform acts as a one-stop-shop for anyone looking to build a business. Built with React, Express Node.js, Kubernetes, HELM, AWS, Route53, Lambda, ACM, and GCP.
Position: Founder and Lead Developer (Full-stack Web Developer and SRE Specialist)

EDUCATION

University of Central Florida, Orlando, FL: Fall 2018
Bachelor of Science – Information Technology

Certifications:
AWS Certified Developer – Associate
AWS Certified Solutions Architect – Associate
Certified Kubernetes Administrator

ADDITIONAL CREDENTIALS

TECHNICAL SKILLS	AWS, GCP, Kubernetes (EKS, k3s and k8s), Docker (EE, UCP, and Swarm), Rancher, Konvoy, HELM, Angular, React, node.js, Flask, NGINX, Traefik, Jenkins, Python, JavaScript (Typescript), Bash, Git, Linux (RHEL, centOS, Ubuntu, etc.), Elasticsearch, Logstash, Kibana, RabbitMQ, Hashicorp Vault and Consul, TCP/IP, Restful API's, etc.

DETAILED REFERENCES AVAILABLE ON REQUEST