

# MARK MORTERA

DEVOPS / CLOUD ENGINEER



+1.647.746.7864



marcus.mortera@gmail.com



Brampton, Ontario

## EDUCATION

### DE LA SALLE UNIVERSITY

B.S. Information Tech  
2006 - 2009

Associate in Comp Sci  
2004 - 2006

## CERTIFICATIONS

AWS Solutions Architect  
Associate

AWS Developer Associate


AWS SysOps Administrator  
Associate


AWS DevOps Engineer  
Professional

## SKILLS & TOOLS

- AWS Cloud Platform
- CI/CD
- EKS
- Docker
- Git
- Linux
- Helm
- ArgoCD
- Kubernetes
- Github Actions
- Jenkins
- JIRA/Confluence/Atlassian

## SOCIAL

 [linkedin.com/  
marcusexmachina](https://www.linkedin.com/marcusexmachina)

 [github.com/  
marcusexmachina](https://github.com/marcusexmachina)

 [@marcusexmachina](https://twitter.com/marcusexmachina)

 [morterart.com](https://morterart.com)

## ABOUT ME

Highly adept in financial advisory and sales with more than 6 years of experience training individuals and teams within organizations. I have switched to a career in the tech space, particularly in Cloud computing working closely with Engineers and with different teams to solve complex problems, applying the relevant soft skills I have developed over the years. I pride myself for my ability to learn efficiently, using creativity to solve problems, and for bringing value to the team. I am very excited to start a new chapter in my career as well as to collaborate with like-minded people.

## RELEVANT WORK EXPERIENCE

### BITBUY TECHNOLOGIES INC | WONDERFI DIGITAL

Jr DevOps Engineer, Platform Administrator | 2021 - Present

- Working closely with the developers and the engineering team to troubleshoot, maintain and deploy Java applications efficiently using our Jenkins and Github Actions pipelines
- Administration of EKS clusters and Kubernetes deployments via AWS platform for Production and Non-Production environments
- Integrated observability and monitoring alerts using Datadog for QA, UAT and Prod environments that is published through our Slack workspace and/or PagerDuty alerts
- Working closely with IT and SecOps team to provide security and permissions assessments
- Currently working on application migrations from EKS - Jenkins pipelines to GitOps framework using Github Actions, reusable Terraform templates, Kubernetes, Helm, AWS ECR, Docker, and ArgoCD
- Coordinates with the Data Science team to deliver business statistics and helped implement a near real-time streaming of transactions using AWS DMS Change Data Capture and Snowflake integration with Metabase
- Worked with the Engineering, Product, Security and IT teams for a critical upgrade of production Postgres database, acting as administrator as well
- Documents internal procedures, best-practices, runbook/playbooks, how-to's, tutorials and general tech writing via our multiple Confluence space
- Coordinates with team leads and CIO to streamline system procedures and maintain Cloud infrastructure for site reliability

### INDUSTRIAL ALLIANCE FINANCIAL GROUP

Individual Life Insurance Broker & Sales Agent | 2015-2018

- Provided financial solutions such as Securities and Life Insurance policies to new and existing clients in an advisory role and maintained client relationships.
- Assessed needs and risks before putting together a solution that would meet their financial requirements and expectations, resulting in 20%-30% more long-term savings.
- Created marketing initiatives to attract new clients, leveraging social media and implementing client referral system, eventually meeting with them and discussing their insurance needs.

## CLOUD PROJECTS

### THE CLOUD RESUME CHALLENGE | July 2021

Developed a full-stack, serverless website powered by Amazon Web Services built and deployed using Infrastructure as Code via the AWS Serverless Application Model. Version control using Github and CI/CD integration using Github Actions.

Technologies Used: Amazon S3, CloudFront, AWS Lambda, Certificate Manager, IAM, DynamoDB, API Gateway, Route53, AWS SAM, Python (Boto3 SDK), Git/Github, Github Actions, HTML/CSS/JS