**EXPERIENCE**

**AuthenticID**; Remote  *Jun 2024 – Dec 2024*

Senior Software Developer

* Developed a serverless watchlist microservice leveraging AWS Lambda, API Gateway, and DynamoDB, with features including CRUD operations, DynamoDB composite keys, API Gateway authorizer integration, and advanced query capabilities.
* Integrated watchlist microservice into an AWS Step Functions state machine, enhancing workflow orchestration by adding document validation and retrieval steps; utilized Lambda, DynamoDB, and API Gateway for seamless interaction, ensuring scalability, low latency, and secure data handling within the large serverless architecture
* Built robust CI/CD pipelines and implemented unit testing, ensuring system reliability and operational excellence.
* Led migration from legacy platform to cloud services, implementing Python scripts to ensure smooth transition.
* Released new features by implementing tight feedback loop with product owners and beta testers which led to successful scheduled releases and swift identification & mitigation of bugs.

**Platform Services team – *Individual Contributor:***

* Enhanced identity and access management by implementing microservices with AWS IAM, RAM, EC2, and DynamoDB, improving system scalability and security.
* Streamlined account provisioning by developing a Lambda function that integrated Salesforce with internal microservices, reducing processing time.
* Improved notification reliability by leveraging AWS SES, SNS, and SQS, ensuring efficient message delivery across services.

**Core Services team – *Individual Contributor:***

* Optimized asset and metadata management by maintaining AWS ECS, DynamoDB-based systems, and an in-house graphing model, ensuring efficient resource tracking, utilization, and scalability.
* Enhanced data ingestion pipelines with Amazon Kinesis Data Streams and S3, enabling seamless data flow, metadata processing, and storage.

**Fortra (previously Alert Logic)**; Remote *Nov 2018 – Mar 2024*

Software Engineer

Experienced backend engineer with a demonstrated history of designing scalable, resilient systems. Proficient in building backend solutions optimized for performance, reliability, and maintainability. Adept at delivering innovative features that drive business value, with a passion for enhancing content pipelines and distributed systems.

**OBJECTIVE**

**CONTACT**

(281) 684-7147

Maplewood, NJ

mark.magahis@gmail.com

linkedin.com/in/markmagahis

github.com/mdmagahis

Mark Magahis

**Software Engineer**

**SKILLS**

**Technical**

**Competencies**

Technical Learning

Problem Solving

Communication

Erlang

Python

Linux

Git

AWS

Docker

Swift

**Bachelor of Science**

***Computer Science***

***Math Minor***

Texas State University

**EDUCATION**

**Bachelor of Science**

***Music Business***

**Associate of Science**

***Recording Arts***

Full Sail University