MARK MAGAHIS

Software Engineer

CONTACT

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EDUCATION

Bachelor of Science
Computer Science
Math Minor
Texas State University

Bachelor of Science
Music Business
Associate of Science
Recording Arts
Full Sail University

SKILLS

Technical

Erlang
Python
Linux
Git
AWS
Docker
Swift

Competencies

Technical Learning
Problem Solving
Communication

OBJECTIVE

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.

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.

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

- 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.