MICHAEL ZIMMERMAN

Houston, TX - mzimme1290@gmail.com

Experience

Alert Logic   **Houston, TX**
Software Engineer - Cloud Application Security   *Dec 2019 - Present*

- Assisted in the design, development, and maintenance of cloud application security products.
- Collaborated with team members on new technologies, design patterns, and refactoring for product enhancements and bug fixes.
- Monitored team AWS expenses, investigated anomalies, documented causes and implemented solutions.

Developer - Business Processes & Applications   *Jul 2018 - Dec 2019*

- Designed and programmed a serverless application to cross-check Salesforce contacts and accounts with the USA trade.gov denied persons API. Turning a monthly exercise into a daily 100% automated process.
- Created a series of AWS CloudFormation templates that eliminated manual burden for deploying and configuring networks, servers, and applications related to internal Datawarehouse environment.
- Researched, documented, and automated manual business processes using AWS resources, python, and shell scripts.

Senior Financial Analyst - Financial Planning & Analysis   *Jan 2017 - Jul 2018*

- Designed monthly revenue reporting process that resulted in a two-day cycle time improvement.
- Created data integrity report which provided sales and marketing departments weekly insights into pipeline quality and health using DAX, PowerPivot, and PowerQuery.
- Collaborated with Product Management and Sales executives to implement new products and pricing.

Financial Analyst - Financial Planning & Analysis   *Apr 2015 - Jan 2017*

- Developed process that removed 100% of the data entry burden for the monthly board deck updates.
- Owned product catalog database CRUD responsibilities that drove quoting and subscription creation.
- Calculated monthly revenue metrics for official financial reporting.

Intellectual Property & Financial Consulting Corp. (*IPFC*)   **Houston, TX**
Analyst   *Sep 2013 - Apr 2015*

- Summarized and articulated business insights from client data that provided basis of valuation models.
- Wrote company and industry backgrounds for final damage reports.
- Read and summarized hundreds of intellectual property licensing agreements.

Education

Oregon State University   **Sep 2018 - May 2022**
Bachelor of Science, Computer Science

Louisiana State University   **Sep 2009 - May 2013**
Bachelor of Science, Finance

Toolbox

Programming: C, C++, Go, Bash, Python, Erlang, JavaScript
Automation: AWS Lambda, AWS EC2, Docker, Jenkins, Cron, Terraform, AWS CloudFormation, Vagrant
Databases: AWS Redshift, AWS Redshift Spectrum, MySQL, PostgreSQL, DynamoDB, MongoDB
Version Control: GitHub, AWS CodeCommit
Academic: Data Structures, Algorithms, Discrete Math, Computer Architecture, Web Development