Lielani Gatdula

APP/CLOUD ENGINEER | SQL ANALYST

☎ +639223213445
✉ Lhaygatdula.11@gmail.com
💼 www.linkedin.com/in/lhay-gatdula-96ba67163
⌂ Plaridel Bulacan, Philippines

Highly skilled app/cloud engineer | SQL Analyst with 5 years of experience in database design, optimization, maintenance, and cloud database solutions. Certified in AWS Cloud Practitioner with hands-on experience in developing and maintaining cloud applications. Skilled in leveraging cloud platforms like AWS, Azure, and Google Cloud for scalable and secure database management. Expertise in SQL, ETL processes, and database migrations to cloud environments. Passionate about enabling data-driven decisions through efficient database solutions and cloud integrations.

CERTIFICATES AND ACHIEVEMENTS

- AWS Certified Cloud Practitioner (July 2023)
- Facilitated AWS fundamentals training for new joiners.
- AWS DeepRacer Participant (2023)
- Facilitated AWS Cloud Practitioner workshop from associate level up to managerial level.
- Attended AWS Elevate days
- Completed GanAI training

- Business Resiliency & Security Champion (FY24 Q3 Gantimpala Winner)
- Business Resiliency & Security Champion (FY24 Q4 Gantimpala Winner)
- Business Resiliency & Security Champion (ATCP Gantimpala FY24 Annual Winner)

HANDS ON EXPERIENCE

- **Ransomware on S3 - Simulation and Detection**
  - I used CloudFormation to create resources.
  - AWS CloudShell to setup and simulate a ranswomare based security event.
  - Then used Amazon Athena to sift through CloudTrail logs.
  - Cost and Usage Report within AWS Billing and CloudWatch to confirm evidence of data exfiltration and data deletion.
  - GuardDuty to provide supplementary detail about the removal of server access logging on an S3 bucket.
- **Cryptominer Based Security Events - Simulation and Detection**
  - I used CloudFormation to set up detection and analysis environment.
  - AWS CloudShell to simulate a cryptominer based security event.
  - Amazon Athena to review and query the logs.
- **Unauthorized IAM Credential Use - Simulation and Detection**
  - I used CloudFormation to set up detection and analysis environment that included adding a CloudTrail trail, setting up VPC Flow logs, and turning on Route53 DNS Resolver Query logs.
  - AWS CloudShell to simulate a security event based on exposed IAM credentials that populated CloudTrail logs.
  - Amazon Athena to review and query the logs.
- **Serverless Web Application**
  - I used S3 to host my static website.
  - API Gateway to trigger Lambda functions for handling GET and POST requests.
  - DynamoDB to store the data.
  - CloudFront to secure the application.
- **Created Lambda function to stop and start EC2 at a regular intervals**
  - I created custom IAM policy and IAM role for the lambda function.
  - Created lambda function to stop and start EC2
  - Created EventBridge schedule that run function on a schedule.
- **Created the following dashboard using power BI:** product category & count, sales & marketing report, and Supply Chain Management.
- **Developed a sales and inventory system for boutique using Vb.Net.**
- **Developed an electronic bingo game using Vb.Net**
- **Developed personal website using HTML and CSS.**

SKILLS

- **Cloud Platforms:** Amazon Web Services (AWS), Microsoft Azure(basic), Google cloud(basic)
- **Cloud Services:** AWS EC2, S3, Lambda, RDS, IAM, Amazon Athena, CloudShell
- **Programming Languages:** Python, .Net, HTML, CSS, C++
- **Database Management**: DynamoDB, MySQL
- **DevOps Basics:** AWS CodePipeline, CodeBuild, Git
- **Automation**: CloudFormation, Terraform (basic)
- **APIs**: RESTful APIs, AWS API Gateway
- **Monitoring & Security:** IAM, Security Groups, CloudTrail, CloudWatch
- **ETL Tools:** SSIS, AWS Glue
- **Data Visualization:** Tableau(basic), Power BI, Quicksight
- **Database backup and Recovery**
- **Power BI Reporting and Analytics**
- **Knowledge in Reinvent Learning**

WORK EXPERIENCE

Accenture

Ross Store SI   **Year 2019**
Application Developer

- Worked with the wider deployment team.
- Upgraded the Point-of-Sale System (POS) of ROSS Store.
- Conduct testing to validate data accuracy, system stability, and functionality across different POS operations.
- Perform end-to-end testing, including sample transactions, inventory updates, and reporting, to ensure the system works as expected.
- Oversee the cutover process, switching from the old POS system to the new one during non-peak hours to minimize disruption.
- Provide remote support during the initial go-live phase to resolve any immediate issues that arise.
- Monitor system performance and user feedback closely, making adjustments as necessary.

Kerry Group (infor optiva plm)   **Year 2020 - Present**
App/Cloud Support Engineer | SQL Analyst

- Investigate, Troubleshoot, and Resolve cloud based application related issues.
- Developed Data dashboard to automate the reporting process.
- Performed ETL (Extract, Transform, Load), data backup and recovery.
- Recommend improvements and automation to increase application efficiency and reduce ticket count.
- Created SQL scripts, indexes and complex queries for data analysis of RDAs and Regulatory.
- Developed and optimized complex SQL queries to extract, transform, and analyze large datasets, improving report generation time by 30%.
- Conducted root cause analysis and create knowledge base articles for recurring issues.
- Worked with the security team to implement and enforce role-based access controls, encryption, and audit logging.
- Monitor and maintain XML syndications to ensure correct data replication in our system.

EDUCATION

Bachelor of Science in Computer Engineering
Bulacan State University (Main Campus)
2013 - 2018