MARK JOSEPH AMBION

—DATA ENGINEER ANALYST

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PROFILE SUMMARY

Data Engineering Analyst with 2+ years across data operations, ETL/ELT, and cloud platforms (AWS, Azure, GCP). Designs reliable batch/stream pipelines, enforces data quality, and delivers zero-defect releases and near-zero-downtime migrations. Recent highlights include leading a production server migration, fixing ISD reporting gaps, and improving incident MTTR through better observability and runbooks. Core strengths: Python, SQL, data modeling, pipeline orchestration, Elasticsearch, Git/Jira, and cloud IAM/security.

Keywords: Data Engineer, ETL/ELT, Data Pipelines, Data Modeling, Dimensional Modeling, Data Quality, Observability, Python, SQL, Bash, REST APIs, Elasticsearch, Git, Jira, CI/CD, Cloud (AWS, Azure, GCP), IAM, KMS, Encryption, NGINX, Linux, UAT, Incident Management, Root Cause Analysis.

EXPERIENCE

ACCENTURE   (February 2024 - Present)
Data Engineering Analyst

- Built validation/cleansing/transformation routines that reduced bad records by 68% and lifted pipeline reliability to 99.7% across batch and streaming jobs.
- Led production DDS application/server migration (NGINX/SSL/Elasticsearch) with < 12 minutes downtime and 0 UAT defects, coordinating with cross-functional teams and executing rollback-safe cutover plans.
- Implemented monitoring and runbooks that cut MTTR by 45%, resolving 22 P1/P2 incidents and preventing recurrences via root-cause fixes.
- Streamlined Jira workflows and knowledge base, reducing ticket backlog by 35% and shortening handoff time by 30%.
- Tightened cloud access controls (AWS/Azure), removing 12 stale keys, enforcing least-privilege IAM for 28 users/roles, and passing audit checks with 0 findings.
- Corrected ISD (Information Security Dashboard) data gaps by fixing enrichment and ingestion rules, cutting "missing data" alerts by 80%.

WBRIDGES | SOLAIRE RESORT & CASINO   (September 2023 - Febuary 2024)
IT Administrator

- Managed servers and security baselines; improved patch compliance to 95% and reduced endpoint incidents by 40%.
- Resolved 150+ network/endpoint issues with SLA compliance 98%, improving user satisfaction scores by 12 pts.

THE ADVENTUS CONSULTANT   (November 2022 - September 2023)
Project Coordinator

- Delivered 7 concurrent projects on time and within scope (>96% on-time), coordinating a 6-person team and managing risks/RAIDs.
- Produced weekly status reports and stakeholder comms, cutting decision latency by 30%.

ACACIASOFT   (July 2022 - January 2023)
Software Engineer

- Shipped 14 features and reduced post-release defects by 38% via rigorous unit/integration testing and code reviews.
- Used Git for version control and CI checks, shortening release cycles by 25%.

KXF, RAT CORPORATION INC.   (May 2016 - August 2017)
IT SUPPORT SPECIALIST / ADMIN

- Resolved 300+ hardware/software tickets and administered backups, cutting recovery time by 50%.

FREELANCE   (May 2021 - Seprtember 2023)
WordPress Developer | Website Developer

- Built and launched 10+ responsive sites; improved Core Web Vitals (LCP/FID/CLS) by 25% and organic traffic by 40% through SEO best practices.
- Automated site backups/monitoring, reducing downtime by 60%.

SELECTED PROJECT

DDS PLATFORM SERVER MIGRATION (PROD)
Accenture

- Planned and executed end-to-end migration (NGINX, SSL with SANs, API/UI, Elasticsearch) from legacy hosts to a new RHEL server.
- Conducted config parity checks, created backups, validated logs, and coordinated UAT; achieved < 12 minutes downtime and 0 defects during post-cutover testing.

EDUCATION

CAVITE STATE UNIVERSITY (2017 - 2022)
Bachelor of Science in Computer Science

IMUS COMPUTER COLLEGE (2012 - 2014)
IT - Computer Technician

TECHNICAL SKILLS

- Languages/Query: PHP, Python, SQL, Bash, Java Script, Node Js, HTML, C++

- Data & Search: ETL/ELT, Data Quality, Data Modeling, Elasticsearch

- Cloud: AWS, Azure, GCP (IAM, storage, security, monitoring)

- DevOps/Tools: Git (Bitbucket/GitHub), Jira, CI/CD, NGINX, Linux

- Other: REST APIs, UAT, Incident/Problem/Change Management