Olney Ho

📞 215.605.2656 | ✉ olneyho@gmail.com | 📍 U.S. Citizen | linkedin.com/in/olneyho

PROFESSIONAL EXPERIENCE

Senior Software Engineer   June 2022 – Present
Vertex, Inc.   King Of Prussia, PA

- Designed and delivered 12 batch monitoring APIs for PTDE (Partner Transaction Data Extract) that surfaced failure stages, retry counts, and mapped 10+ internal error codes to actionable diagnostics, improving batch recovery workflows and accelerating root-cause analysis across high-volume ERP integrations.
- Owned and delivered a batch observability and reporting platform, exposing REST APIs for Batch Schedule and Job Status with over 10 multi-dimensional filtering (Fusion instance, Business Unit / Ultimate Org, batch type, environment usage, and date range), significantly improving operational visibility and reducing customer support investigation time by an estimated 30–40%.
- Validated database behavior during release patch readiness by executing reinstall scenarios, verifying data consistency, and performing full schema, batch, sequence, and table regeneration across SQL Server, Oracle database and PostgreSQL environments.
- Led end-to-end Disaster Recovery (DR) failover testing for O Series and Oracle Cloud ERP Connector platforms, validating full application, authentication, database, UI, and integration recovery during simulated regional outages; achieved DR SLAs with 70 minute RTO, RPO within backup thresholds, zero data loss, and 100% recovery success across criteria.
- Migrated services to JDK 17 by validating Spring Boot and Spring Batch runtime compatibility, confirming application context loading, batch job execution, and messaging initialization across environments; improving test coverage by 40% and completed patch validation to ensure production stability.

Software Engineer   Feb. 2017 – May. 2022
JP Morgan Chase & Co.   Wilmington, DE

- Implemented automated validation and cleansing within the ACAPS ingestion pipeline to sanitize credit card application data, removing malformed and invalid PII fields to ensure accurate approval, rejection, and pending decision processing downstream.
- Developed 7 Spring Boot REST APIs with Actuator-based health and readiness checks, improving service observability and enabling faster detection of degraded states, which reduced manual investigation during availability incidents for credit card processing systems.
- Achieved over 85% application code coverage from initiative to increase unit test using JUnit and Mockito across entire application
- Extended functionality in internal ASP.NET C# administrative UI with SQL stored procedures, allowing support teams to monitor and manually reprocess batch jobs when automated credit card application workflows required intervention to meet approval SLAs.

CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate**
- **AWS Certified Cloud Practitioner**

EDUCATION

Temple University   Aug. 2012 – Dec 2016
Bachelor of Science in Computer Information Science   Philadelphia, PA

SKILLS

Languages : Java, C#, Python, JavaScript, HTML/CSS, SQL (PostgreSQL, Oracle, MySQL)
Frameworks : Spring, Spring Boot, Spring Batch, ASP.NET Core, React, Angular, JUnit, Mockito
Cloud & DevOps : AWS (EC2, S3, Lambda, RDS, IAM, CloudFront), Docker, Kubernetes, Jenkins, Maven, GitHub Actions