Edward Amoako II

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SOFTWARE ENGINEER I JAVA • SPRING BOOT • HIBERNATE | JPA • SQL • ETL • SHELL I BASH

Tools: Maven • Jenkins • GitHub • ADO • SSMS • WinSCP • PuTTY

Highly motivated Software Engineer with hands-on experience in backend development (Java, Spring Boot) and robust system integration. Proven ability to optimize database interactions (DB2, Oracle, SMSS, SQL), resolve critical defects, and streamline deployment pipelines (Jenkins, Zena). Adept at collaborating with cross-functional and DevOps teams, driving efficiency and improving project delivery in Agile environments.

PROFESSIONAL EXPERIENCE

Huntington National Bank

Software Engineer • July 2023 - Present

- Collaborated within the Commercial Digital Team to evaluate and integrate **4 Java-based** vendor solutions into company applications, altering them to organization standards and regulations.
- Leveraged Zena to orchestrate **ETL** workflows that executed **shell** scripts and transaction details across **12+** cross-functional teams.
- Performed defect triage, root cause analysis, and maintenance of web applications, resolving **8-10 critical defects** per sprint.
- Optimized and managed over **60 SQL** queries for thousands of daily database interactions utilizing DB2, Oracle, and SSMS for data storage and retrieval.
- Worked with **DevOps** teams to support and monitor deployment into **20+** Jenkins pipelines used for automated builds and quarterly deployments across multiple environments.
- Actively participated in **Agile** ceremonies with a team of 12, helping increase sprint velocity and card accuracy by **20%** over 18 months.

PROJECTS AND SKILLS

Eddie's Budgeting App - Java • SQL • Spring Boot • Hibernate | JPA • Maven • PostgreSQL

- Designed and implemented a Java-based command-line interface for tracking income and expenses by category.
- Utilized OOP principles to model transactions, budgets, and user interactions in a modular, extensible structure.
- Implemented data validation, transaction summaries, and categorized reporting using in-memory storage.
- Integrating Spring Boot to refactor core budgeting logic into RESTful APIs, laying the foundation for a full-stack upgrade and improved modularity.
  - Plans to integrate a GUI and a web-based front end via Typescript and HTML.

Code Combat - Java

A console-based fighting game that reinforces OOP and game logic fundamentals.

- Designed and implemented a text-based RPG game in Java, featuring a turn-based combat system between user-created characters and CPU-controlled enemies.
- Applied Object-Oriented Programming (OOP) principles establishing skills with fundamentals like abstraction, polymorphism, inheritance, and encapsulation (APIE) to structure player classes, abilities, and item types.

EDUCATION & CERTIFICATIONS

Google GCP Cloud Digital Leader - In-Progress 2025

- Currently studying and preparing for the exam.

J. P. Morgan Software Engineering Virtual Experience Program on Forage - November 2022

- Used Perspective data visualization software and Python to monitor stock price trends and create trading strategies.

J. P. Morgan Agile Virtual Experience Program on Forage - November 2022

- Studied and utilized Agile and Scrum methodologies to create user points, user stories, product backlogs.

SQL and Relational Databases 101 through IBM, Cognitive Class - April 2023

- Learned and employed fundamental SQL concepts to define and manipulate data sets.

The Ohio State University • Bachelor's of Communication Technology • August 2019 - May 2023

- Honor's: Cum Laude • Dean's List: AU2019 • SP2020 • SP21 • AU22 • SP23