

Samuel Kawuma

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Summary

Tech-savvy and data-driven professional with rich experience in designing, developing, and updating multiple software. Proven success in updating existing applications, developing new websites, and writing codes. Known for integrating java back -end, creating databases, and debugging technical errors. Track record of building relationships with management and customers. Excel at leading and training cross-functional staff. Demonstrated ability to take large amounts of data and translate information into actionable insights. Able to quickly learn new technologies and processes.

Technical Proficiencies/ Skills

Web Development/Tools: Hibernate, Spring Boot, Spring JPA, Spring Core, Spring MVC, Spring RESTful API, Micro Services Servlet, JSP, JAX-RS, JAX-WS, Agile, CI/CD, Vue, React, Angular, AWS EC2, S3, RDS

Data/Data Processing: MySQL, Kafka, SQS, Postgres, RabbitMQ,

Containerization Ecosystem: Docker, Kubernetes

Programming Languages: Java SE 8, SQL, JavaScript, HTML, Typescript, Python

Operating Systems: Mac OS, Windows, & Linux

Career Experience /(Work)

Cogent InfoTech, Pittsburgh, PA

9/2021 – 5/2023

Java Developer (Contract)

- Executed code documentation and debugged issues to maintain and update software applications.
- Track research and debug software issues related to JavaScript, Java, Typescript errors.
- Collaborated with highly experienced software engineers to design new software and update existing applications.
- Developed modern web-based banking applications using Java 8, Angular and AWS
- Examined technical performance of internal systems to detect and debug issues.
- Communicated with customers to understand program demands and develop applications accordingly.
- Work with customers to gather business requirements and create requirements for development teams.
- Conducted research and optimized web assets for improving speed and performance.
- Responsible for creating and maintaining Concourse CI/DC pipelines for the deployment of our applications.
- Provided security screening with Data Dog, ensuring that the entire process was efficient and streamlined.

Key Achievements

- Created and executed software applications for Banking website development in accordance with industry technical standards.
- deed and upgraded program applications by acquiring knowledge of codebase and improving coding skills.

Additional Work Experience

- Instructor /Supervisor, Evergreen Center, Milford, MA 2016 – 2022
- Preload Supervisor, UPS, Watertown, MA 2014 – 2016

Academic Projects

E-Commerce Application -

May 2023

- The project deals with developing an e-commerce website for Online Product Sale.
- The user consumer is provided with multiple products that they can select, add to cart and then checkout the cart.
- A payment system/ API was incorporated and used a demo version of razor pay.
- The system is implemented using a 3-tier approach. These included Presentation/client layer, Business Logic layer and Database layer
- Integrated java back-end with SQL database for retrieving and updating Q&A table.

Banking Application

Nov 2022

- Established system, performing multiple tasks in institutions with minimal effort, while communicating with AWS S3 storage for storing and retrieving bank accounts.
- Integrated java back-end with SQL database for retrieving and updating Q&A table.

Flight Management System

Feb 2023

- Devised new system to improve reservation process to make effective flight management, including web-based internet booking system, proper validation to use correct data, and eliminate costly searching process for customers.
- Improved system processes by utilizing optimized code with latest technologies as inventory control and payment system.

Robotics and Computer Vision

April 2021

- Designed project with focus on Pi Car-V Driverless Car.
- Used OpenCV technology with Raspberry Pi to capture speed limit signs for car driving according to speed read by camera.

Customer Churn Prediction in a bank

Nov 2021

- Created and analyzed web application for data analysis.
- Developed data set with appropriate model, enabling customers to interact and execute predictions.

Junit-Testing, Blackbox Testing, Whitebox Testing and Code Coverage

March 2020

- Collaborated with team to perform clear box testing and code coverage to evaluate set of JUnit test scenarios.
- Devised and implemented set of test scenarios to examine class property functionalities.

Education

Master of Science in Computer Science

Merrimack College, Andover, MA

2025

Bachelor of Science in Computer Science

Salem State University, Salem, MA

2022

Associates of Art in Liberal Arts

Bunkerhill Community College, Charlestown, MA

2018

Certification

