Samuel Kawuma

christokawuma69@gmail.com • (978) 398-2410
GitHub.   LinkedIn • Woburn, MA

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

Platforms: Angular, AWS EC2, S3, RDS
Tools/Software: Hibernate, Spring Boot, Spring JPA, Spring Core, Spring MVC, Spring RESTful API, Servlet, JSP, JAX-RS,JAX-WS, Agile, CI/CD
Languages: Java SE 8, SQL, JavaScript, HTML, Typescript, Python
Operating Systems: Mac OS, Windows, & Linux

Career Experience /(Work)

Cogent InfoTech, Pittsburgh, PA   9/2022 – 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 fight 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*

<u>Certification</u>
Cogent Certified Java Developer   2022