

# Afia Kyalo

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## PROFESSIONAL EXPERIENCE

### **Team Lead - Software Engineer, Benefits Data Trust** (Jan 2023 - August 2024)

- Led the implementation of security best practices, reducing vulnerabilities by 40% and ensuring compliance with industry standards.
- Led a team in maintaining and enhancing a large-scale legacy application, successfully upgrading it from Rails version 5 to 7, improving scalability, and optimizing performance.
- Reduced average bug resolution time by 28% with improved triage processes, prioritization, and documenting workflows.
- Managed weekly deployments and infrastructure on Google Cloud Platform (GCP), ensuring application scalability and reliability.

### **Software Engineer, Benefits Data Trust** (March 2020 - Dec 2022)

- Improved system performance by 30% through optimized code, bug fixing, and refactoring.
- Updated a legacy product by implementing React components, improving user interface and experience, and increasing user engagement and satisfaction.
- Managed both legacy and new projects, implementing essential updates and optimizations in legacy systems with experience in deployment and orchestration tools Docker and Kubernetes.
- Focused on projects that enhance access to public benefits, demonstrating a strong commitment to tech for good and civic tech initiatives

### **QA Coordinator, Benefits Data Trust** (June 2018 - Oct 2019)

- Ensured high-quality software delivery by collaborating closely with developers, reducing defect rate by 40%.
- Implemented QA process improvements by crafting and executing comprehensive test plans and scripts, enhancing test coverage by 35%.

## AREAS OF EXPERTISE

- **Programming Languages:** Ruby, JavaScript, TypeScript
- **Frameworks & Libraries:** Ruby on Rails, React
- **Web Technologies:** HTML, CSS
- **Development Tools:** Git, Docker, Kubernetes, Sentry
- **Database Management:** SQL, PostgreSQL
- **Cloud Services:** Google Cloud Platform (GCP)
- **Tools & Technologies:** Jira, Confluence, Slack
- **Legacy Systems:** Maintaining and upgrading legacy projects, security updates
- **DevOps Practices:** Continuous Integration/Continuous Deployment (CI/CD)

## EDUCATION

- **Launch Academy**, Boston, Massachusetts - Full Stack Engineering Program, 2019-2020
- **Full Sail University**, Winter Park, FL - MSc. Entertainment Business, 2014
- **Kenyatta University**, Nairobi, Kenya - Bachelor of Music, 2012