

# MADALINE ALBRIGHT

## Integration Developer

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Nairobi, Kenya

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### EDUCATION

#### Bachelors in Business Information

Technology, Strathmore University

2022

First Class Honors

### TECHNICAL SKILLS

- AnypointStudio, Anypoint Platform, Cloudhub 2.0
- Backend: Java, Spring boot
- Databases: Oracle, MySQL
- Web Services and APS: RESTful APIs, SOAP
- DevOps Tools: Azure pipeline, OpenShift Container Platform
- Cloud Technologies: Azure
- Containerization: Docker, Helm, Kubernetes
- Version Control Systems: Git, Gitlab
- Testing tools: Postman, Jmeter
- Agile Development: Scrum, Azure boards, Jira, Confluence
- Microsoft office 365
- IDE: Visual studio code, IntelliJ, SpringToolSuite, Atom, Android Studio
- Integration Platforms: Mulesoft, WSO2.
- Splunk logging and monitoring

### SUMMARY

Madaline is a dynamic and forward-thinking Software Engineer with a passion for crafting innovative solutions. Her professional journey has seen her contribute significantly to versatile industries, including finance and technology. She has worked as an Application Developer at KCB Group, where she played a pivotal role in developing microservice applications and backend systems. Her expertise in Java and Spring Boot technologies coupled with her commitment to DevOps principles, enabled her to bridge the gap between development and operations in creating efficient and robust software solutions. She is committed to writing clean, maintainable code that follows best practices and industry standards. Seeking challenging possibilities to contribute my experience and make an impact that matters.

See my personal website and blog at [myportfoliolink](#).

### WORK HISTORY

#### Mulesoft Integration Developer

Oct 2023 - PRESENT

Deloitte, Nairobi County, Kenya

- Implement best practices for Mulesoft development including API-Led connectivity, reusable components, error handling and security.
- Provide support and troubleshooting assistance for production systems, including diagnosing and resolving integration related issues in a timely manner.
- Conduct unit testing, integration testing and end to end testing for mulesoft integrations to ensure reliability and robustness.
- Developing Mule ESB flows and integrations, RAML design, Mule Dataweave, connectors.
- Updating technical documentation capturing functional and non functional requirements.
- Actively participating in scrum ceremonies(daily scrum).
- Collaboration with integration teams.
- Implement monitoring, logging and alerting solutions to proactively identify and address integration issues and performance bottlenecks.

## INTERPERSONAL SKILLS

- Critical thinker with strong problem solving skills
- Possess strong commitment to team environment dynamics with the ability to contribute expertise and follow leadership directives at appropriate times
- Excellent communicator.

## NOTABLE ACHIEVEMENTS

- Recognized for best leadership skills as academics prefect.
- Monitored and ensured that at least 95% attendance of lessons was met by both students and teachers
- First female president of the LEAP scholarship Strathmore chapter.
- Dean's List recognition as one of the best performing students.

## LANGUAGES

- English(Fluent).
- Swahili(Fluent)

## Application Developer

Mar 2022 - Oct 2023

KCB Bank Group, Nairobi County, Kenya

- Participated in design and development of multiple microservice applications using the latest technologies of Azure, Java, and Oracle Database.
- Designed, developed, and maintained scalable backend systems for the hustler fund and Digital lending project that greatly increased profits for the bank.
- Implemented mobile wallet technology to facilitate bank to wallet and wallet to bank transactions.
- Designed and implemented scalable APIs using technologies such as Microsoft Azure cloud that serve millions of requests.
- Led the development and publishing of several APIs by building micro-gateway interceptors to ensure availability for partner integration and testing. Tools used WSO2 API manager.
- Continuous deployment using azure pipelines and pull requests, code reviews, stress testing and unit testing. Tools used docker, OpenShift container platform, Helm charts, and JMeter.
- Wrote design specification documentation and deployment notes that facilitated integrations as well as deployment process.
- Actively participated in agile development methodologies, ensuring adaptability, flexibility, and responsiveness in a fast paced environment.

## Technical Research and Development Assistant

Feb 2021 - Apr 2021

Strathmore University, Nairobi County, Kenya

- Identified a problem in the society and linked it to the Sustainable Development Goals. The problem was how can we reduce the patient waiting time in reception linked to SDG 3. Applied design thinking process to come up with a viable solution and implemented the solution.
- Designed an appointment booking web-based system (MedCare) using Figma and developed it using HTML/CSS, PHP, Bootstrap and MySQL tools that delivered high-quality solutions.

## HOBBIES AND INTERESTS

- Hiking
- Bike Riding
- Mentoring students to attain excellent academic scores and strong leadership skills.

## VOLUNTEER ACTIVITIES

### All Saints Cathedral Primary School, Nairobi County, Kenya

- Taught the students computer skills.
- Managing calls at the reception
- Filing documents
- Supervising little children.

## REFERENCES

Available upon request.

## Technical Support Specialist

Dec 2019 - Mar 2020

Strathmore University, Nairobi County, Kenya

- Performed routine maintenance, software updates, and replaced computers as necessary.
- Maintained data security through regular virus tests and installation of protective software.
- Helped streamline repair processes and update procedures for support action consistency.

## PROJECT HIGHLIGHTS

Title: Emergency First Aid Application to enable non-medical users and community health workers to offer First aid in Kenya.

Final Year Project

GitHub link:

<https://github.com/MadalineAlbright/TibaSmartNew-master.git>

Technologies:

- Android studio
- Java Firebase
- Google Maps API Kenya

## CERTIFICATIONS

### 2023 MuleSoft Certified Developer

With this certification, I gained the required knowledge and skills to design, build, test and debug, deploy, and manage basic APIs and integrations: moving from Anypoint Platform to Anypoint Studio and back.

### 2023 DevOps Engineering Course

Nov 2022 – Jan 2023

Moringa School

#### Notable Achievement:

Gained in-depth knowledge in continuous integration, continuous deployment, and infrastructure as code.

#### Skills gained:

- Proficiency in tools like Ansible, Jenkins, Docker, Kubernetes, and Google Cloud Platform, enabling seamless deployment pipelines.

### 2021 Frontend Development

Women Techsters' Program

**Notable Achievement:** Took part in a group project where we designed and developed a simple farmers market website using HTML/CSS and JavaScript.

**Skills gained:** JavaScript, HTML/CSS