

# BWAMBALE BENNY WOLTER

Kampala-Uganda

[benplaan1@gmail.com](mailto:benplaan1@gmail.com)

<https://www.linkedin.com/in/bwambale-benny-wolter/>

## FULL STACK SOFTWARE ENGINEER

Full Stack Software Engineer with more than 3 years of experience developing enterprise and mobile applications for diverse organizations including businesses, schools, financial institutions and other institutions. Advanced experience in front end technologies like React, Angular, Typescript plus the accompanying automated testing frameworks. Experience in Ruby, Java/J2EE, Spring Boot, Ruby on Rails API using the most suitable data structures, design patterns and algorithms to efficiently come up with solutions. Used Service oriented design using RESTful web services. Experience in TDD, Docker for containerisation and Jenkins for continuous integration. Multithreading for optimized solutions and leveraging Node JS for a non blocking io to optimize high volume server side transactions applications. Team player with extensive experience overseeing development of sensitive applications. Experienced working effectively in multicultural teams developing software using different SDLC methodologies such as Agile/SCRUM and Waterfall. Detail oriented, with high ability to learn new technologies in a short time.

**Languages:** Ruby, Java, Javascript, Android, Python

**Web:** React.js, Node.js, Next.js, JSP/JSTL/Servlet, HTML5, CSS3, JavaScript, JQuery, ExpressJs, NodeJs, Ajax, JSON, XML, Tomcat, Jetty, WAMP, NPM

**Web Services:** JSON, RESTful, SOAP

**Web App Servers:** Tomcat, Glassfish, JBoss, Jetty, Digital Ocean, Godaddy

**Tools:** ElasticSearch, Kafka, Kubernetes

**Frameworks:** Ruby On Rails, Spring Boot, Spring MVC, Spring Security, Hibernate, FastApi, Thymeleaf, Yii, CodeIgniter

**Databases:** Cassandra, Postgres, SQL, Oracle, MySQL, MongoDB

**Design Patterns:** MVC, Singleton, Abstract Factory, Factory Method, Facade, Template Method

**SLDC:** UML, Version Control, Agile-SCRUM, Continuous Integration

**Tools/IDE:** IntelliJ, Vim, Visual Studio, GIT, Star UML, Eclipse, NetBeans, Android Studio, Jenkins, Github

**Platforms:** UNIX, Linux, Windows

**Test Tools:** Mockito, Junit, Capybara

## PROFESSIONAL EXPERIENCE

### Frontend Engineer

Lillup · Internship Lillup · Internship May 2025 - Present Remote United States · Remote

- As a Frontend Engineer, I led the development of modern, responsive user interfaces with a focus on performance, accessibility, and scalability.

**Key Responsibilities:**

- UI Development – Built responsive, accessible user interfaces from design mockups.
- Component Design – Created modular, reusable UI components using modern frameworks like React and Vue.
- Performance Optimization – Improved load speed and interactivity using modern frontend best practices.
- Cross-Browser Compatibility – Ensured consistent behavior across all major browsers and device types.
- Accessibility (a11y) – Followed WCAG standards to deliver inclusive, accessible experiences.
- API Integration – Integrated data from REST and GraphQL APIs into frontend applications.
- State Management – Managed application state using tools like Redux, Zustand, and Vuex.
- Testing – Wrote and maintained unit, integration, and end-to-end tests using Jest, RTL, and Cypress.
- Version Control – Collaborated with teams using Git, feature branches, and pull request workflows.
- CI/CD & Deployment Awareness – Participated in automated build and deployment pipelines.

**Microverse, Student Mentor Volunteering 2023**

I facilitate the seamless integration of budding Micronauts into the dynamic Microverse journey by providing dedicated mentoring sessions spanning an entire months. Throughout this period, I meticulously guide them through the program's structure, addressing their queries, and offering comprehensive insights. Additionally, I meticulously compile weekly progress reports, ensuring a comprehensive overview of their advancement within Microverse.

Ruby, JavaScript, React JS, Elastic Search, Kafka, RESTful Web Services, Redis, Cassandra, Postgres, Test Automation, Docker, Jenkins, Kubernetes, Spring, Hibernate, Spring Boot

**Vkonnnect kampala, Uganda • July 2021 – November 2022**

Providers of money transfer software and services for boarding school students from their parents.

**Position: Software Engineer**

- Coordinated system design, development, and implementation.
- Developed enterprise level application using AngularJS, Spring, Hibernate and MySQL database
- Used HTML, AngularJS, and Bootstrap to design and implement a single page data presentation client.
- Developed a RESTful web service using Spring Boot to send and receive requests to and form a Palm Vein user identification application, a mobile payments aggregator, and the admin web application.
- Used dependency injection to avoid coupling between classes.
- Implemented a service oriented design architecture to have various components of the system as separate services, developed and tested separately.

- Used Spring Security to secure the application from unauthenticated users. • Designed a relational database using MySQL.
- Used junit for automated testing, Git for version control and Jenkins for continuous integration.

Technologies: Java, Spring Boot, AngularJS, HTML, CSS3, JSON, XML, JSON, HTTP, Bootstrap, AJAX, MySQL, GIT, Eclipse, PHPStorm, Jenkins.

### **Snappy Shoppe Uganda Ltd, Kampala, Uganda • June 2019 – May 2021 Position: Software Developer**

- Designed and Implemented a web based Property Management System using Spring, Hibernate and postgres database
- Designed and implemented the user interface using JSP, CSS, and JavaScript and used the jQuery library to simplify HTML document traversing, event handling, animating, and Ajax interactions.
- Used dependency injection to avoid coupling between classes.

Developed a service oriented application which helped to have the various sections of the system developed separately, tested separately and made available to the rest of the system.

- Scheduled payments and tracked rent defaulters using the java Date API.
- Used Hibernate for ORM mapping of the objects to the relational database and to minimize the quantity of code in form of queries I had to write to interact with the database.
- Designed and implemented a relational database using postgres and deployed the application.
- Integrated SMS notifications to the tenants, triggered by certain amounts of rent being demanded of them.
- Used junit for automated testing.

Technologies: Java, Spring MVC, JSP, CSS3, XML, JSON, Bootstrap, AJAX, MySQL, GIT, Eclipse.

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- Designed and implemented a stock management system for SEED Using Ruby on Rails framework and Postgres database and wrote migrations to keep track of the database structure at any time.
- I developed a user-friendly front end single page application using React.js, HTML and CSS.
- I developed the system user management module including secure login and registration.
- I developed a sub system module where we can add sights to the system and have users registered to belong to various sights.
- Developed a flawless requisitioning module where various sites requested for items from the central store where the general stock management took place.
- Developed a notifications module to the various system users to be notified of critical transactions on the system like a new requisition pending approval by the top management and this improved the system user experience.
- I developed a stock flow reporting system to show how stock has been coming in and out of the company, indicating the source and destination, prices and hand all the accounts balanced instantly.

- I used PHPUnit to write automated tests to ensure stability and consistency during the development and deployment of the system.

## **EDUCATION**

### **Microverse**

Microverse University of Management,

**Key Courses:** *Modern Programming Practices, Software Engineering, Web Application Architecture, Algorithms*

### **Bachelor of Science in Information Technology**

*Developing Systems, Wireless Communications Systems & Software Development Methodologies* St Lawrence University, Kampala, Uganda

## **CERTIFICATIONS**

Full stack software developer Certified



Certificate of Completion

Bwambale Benny Wolter

Full Stack Web Development

December 17, 2023

A handwritten signature in black ink, appearing to read "Ariel Camus".

**Ariel Camus**  
Executive Director



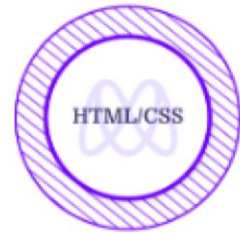


**Certificate of Completion**  
**Bwambale Benny Wolter**

HTML/CSS

March 26, 2023

**Ariel Camus**  
Executive Director





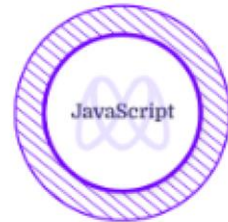
**Certificate of Completion**  
**Bwambale Benny Wolter**

JavaScript

June 5, 2023

A handwritten signature in black ink, appearing to read "Ariel Camus", positioned above a thin horizontal line.

**Ariel Camus**  
Executive Director





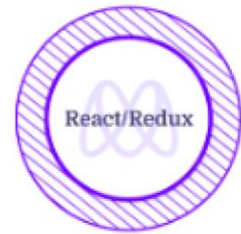
**Certificate of Completion**  
**Bwambale Benny Wolter**

React/Redux  
July 9, 2023

A handwritten signature in black ink, appearing to read "Ariel Camus".

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**Ariel Camus**  
Executive Director





# Certificate of Completion

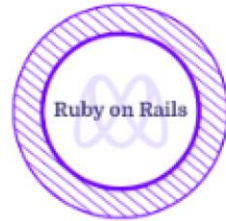
## Bwambale Benny Wolter

Ruby on Rails

November 26, 2023

A handwritten signature in black ink, appearing to read "Ariel Camus".

**Ariel Camus**  
Executive Director





Certificate of Completion

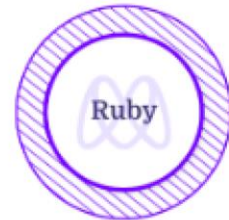
Bwambale Benny Wolter

Ruby

August 20, 2023

A handwritten signature in black ink, appearing to read "Ariel Camus".

**Ariel Camus**  
Executive Director



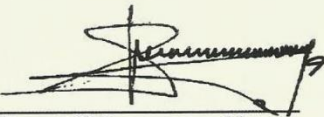
*This Is To certify That*

**BWAMBALE BENNY WOLTER**

*Was Award the degree of*

**BACHELOR OF INFORMATION TECHNOLOGY  
SECOND CLASS (UPPER DIVISION)**

*at St. Lawrence University Commencement held on  
28th day of November 2019*



**Vice Chencellor**



1028997



**Academic Registrar**



TR

200394

# St. Lawrence University




FOR ICT AND ENTREPRENEURSHIP  
Tel: +256 414 693 122, +256 414 270 082, P.O.Box 24930, Kampala - Ug, Web site: www.slaw.ac.ug

## OFFICE OF THE ACADEMIC REGISTRAR



### ACADEMIC TRANSCRIPT

<b>NAME:</b> BWAMBALE BENNY WOLTER	<b>REG NO:</b> BAIT/IBD/U/A0176	<b>GENDER:</b> MALE	
<b>FACULTY:</b> COMPUTING AND INFORMATION TECHNOLOGY		<b>NATIONALITY:</b> UGANDAN	
<b>PROGRAMME:</b> BACHELOR OF INFORMATION TECHNOLOGY		<b>DATE OF BIRTH:</b> 22/12/1994	
<b>SPECIALISATION:</b>			

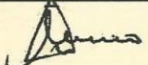

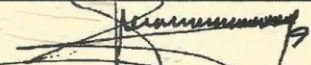
  

YEAR 1::ACADEMIC YEAR 2016/2017				YEAR 1::ACADEMIC YEAR 2016/2017			
Year 1 Semester 1				Year 1 Semester 2			
CU	GRD	PT		CU	GRD	PT	
BABA1103	Communication Skills	3.0	D 2.0	BAIT 1201	Data Structure and Algorithms	3.0	C 3.0
BAIT 1102	Computer and Information Literacy	3.0	A 5.0	BAIT 1204	Computer Organisation and Architecture	3.0	D+ 2.5
BAIT 1103	Information Systems	3.0	C+ 3.5	BAIT 2102	Electronic Business	3.0	B 4.0
BAIT 1104	Principles of Programming in C	4.0	B+ 4.5	BAIT 2103	Organizational Behavior	3.0	D+ 2.5
BAIT 1107	Kiswahili	3.0	B 4.0	BAIT 2105	Computer Ethics and Law	3.0	C+ 3.5
BAIT 1105	Basic Management Skills	3.0	B 4.0	BAIT 2108	Practical Skills Development	4.0	D+ 2.5
BAIT 1205	Internet and web page authoring	4.0	B+ 4.5				
<b>GPA: 3.98</b>				<b>GPA: 2.97</b>			
YEAR 2::ACADEMIC YEAR 2017/2018				YEAR 2::ACADEMIC YEAR 2017/2018			
Year 2 Semester 1				Year 2 Semester 2			
CU	GRD	PT		CU	GRD	PT	
BABA2103	Entrepreneurship Development	3.0	C 2.0	BAIT 2104	Principles of Mobile Applications Development	4.0	B 4.0
BAIT 1202	Computer Programming in C	3.0	C+ 3.5	BAIT 2106	Web Scripting Using PHP	4.0	C 3.0
BAIT 2101	Object Oriented Programming in C++	3.0	C 3.0	BAIT 2201	Operating Systems	3.0	C+ 3.5
BAIT 2107	Programming Language Paradigms	3.0	B 4.0	BAIT 2202	Systems Analysis and Design	4.0	C+ 3.5
BAIT 2203	Research Methodology	3.0	B 4.0	BAIT 2107	System Intergration & Architecture	3.0	C 3.0
BAIT 2205	Database Planning Management and Design	3.0	C 3.0	BAIT31			
BAIT 3101	Computer Networks & Data Communication	3.0	B 4.0				
<b>GPA: 3.50</b>				<b>GPA: 3.42</b>			
YEAR 3::ACADEMIC YEAR 2018/2019				YEAR 3::ACADEMIC YEAR 2018/2019			
Year 3 Semester 1				Year 3 Semester 2			
CU	GRD	PT		CU	GRD	PT	
BAIT 3104	Object Oriented Programming in Java	4.0	C+ 3.5	BAIT 3102	User Interface Design	4.0	D 2.0
BAIT 3106	IT Project Planning and Management	3.0	C+ 3.5	BAIT 3201	Information & Network Security	3.0	D 2.0
BAIT 3109	Cloud Computing	3.0	C+ 3.5	BAIT 3202	Business Intelligence & Data Warehousing	3.0	D 2.0
BAIT 2205	Database Programming	3.0	C 3.0	BAIT 3205	Software Engineering	3.0	D 2.0
BIT 2141	Visual Basic Programming	3.0	C+ 3.5	BAIT 3211	Parallel & Distributed Systems	3.0	D 2.0
BAIT 3106	Internship	3.0	B+ 4.5	BAIT 3212	PC Phone Repair & Maintenance	3.0	D 2.0
				BAIT3103	Research Methods	3.0	A 5.0
<b>GPA: 3.75</b>				<b>GPA:3.48</b>			

<b>Minimum Grade Load:</b> 114	<b>Total Credit Units:</b> 136	<b>CGPA:</b> 3.78
<b>Date of Completion:</b> 31 JULY 2019	<b>Date of Graduation:</b> 28 NOVEMBER 2019	
<b>AWARD:</b> BACHELOR OF INFORMATION TECHNOLOGY	<b>CLASS OF AWARD:</b> SECOND CLASS (UPPER DIVISION)	

 <b>ACADEMIC REGISTRAR</b>	 1028997	 <b>VICE CHANCELLOR</b>
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For Key Grades and Remarks See Reverse Not Valid without official seal.

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THE LENGTH OF A SEMESTER IS SEVENTEEN (17), WEEKS OF WHICH TWO (2) ARE FOR EXAMINATIONS. THE MEDIUM OF INSTRUCTION IS ENGLISH  
See overleaf for details



03710639



2013 U.C.E.

EXAMINATION FOR THE UGANDA CERTIFICATE OF EDUCATION

BWAMBALE BENNY WOLTER (AGE 18)  
ALLIANCE HIGH SCHOOL, KASESE

U2254/038 ENTRY CODE: 1  
P.O. BOX 25 KASESE

- 1 ENGLISH
- 2 CHRISTIAN RELIG ED
- 2 HISTORY
- 2 GEOGRAPHY
- 4 MATHEMATICS
- 5 AGRICULT PRINC & PRAC
- 5 PHYSICS
- 5 CHEMISTRY
- 5 BIOLOGY
- 6 ART

- 4 (FOUR)
- 3 (THREE)
- 4 (FOUR)
- 5 (FIVE)
- 6 (SIX)
- 5 (FIVE)
- 5 (FIVE)
- 6 (SIX)
- 6 (SIX)
- 4 (FOUR)

GRADE AGGREGATE 36  
1.

\*\*\* RESULT 2 \*\*\*

Please see overleaf

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