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**Portfolio/Website:** <https://staceymutinda.com/>

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**Purpose:** Software engineering internship

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### **Professional summary**

I am a computer Science student with strong problem-solving skills in data structures and algorithms, and hands-on experience building full-stack web applications. Proficient in JavaScript, HTML and CSS, with growing expertise in React. Enthusiastic about creating scalable, user-friendly interfaces and eager to contribute to high impact projects at your highly reputable organization.

### **1.0 Academics and Qualifications**

2023-Date: University of Nairobi, Kenya

School Registration Number: SCS3/145886/2023

Current status: A third-year student pursuing degree in Bachelor of Science in Computer Science

Expected graduation: 2027

*Relevant Coursework:* Data Structures and Algorithms, Software Engineering, Web Development, Object-oriented Programming

2018-2022: The Kenya High school, Nairobi

Qualification: Kenya Certificate of Secondary School (KCSE)

2009-2018: Holy Ghost Mission (HGM) Vitale primary school, Kathonzweni-Makueni

Qualification: Kenya Certificate of Primary School (KCPE)

### ***Additional Trainings***

Jan 2023 - May 2023: eMobilis Technology Training Institute, Nairobi-Kenya

Qualification: Certificate in Full Stack Developer

*Relevant Coursework:* HTML/CSS, Python/Django, MySQL and Kotlin/Android

9March-14 March 2025: Participated in Cloud practitioner training facilitated by Amazon Web Services (AWS) South African Team in collaboration with the university of Nairobi, Chiromo campus-Nairobi

## **2.0 Projects**

### **School Projects (University of Nairobi, UON)**

#### **2024-2025 Academic year: Visual Impaired Mobility App**

Built an MVP (Minimum viable Product) mobile application for visually impaired users, providing GPS-based navigation with accessibility-first UI, under digital matatu/ UON/ Kenya Society for the Blind (KSB) Collaboration.

Key roles:

- Implemented Kotlin/Android, voice feedback and real-time navigation to enhance usability with guidance from the university mentors
- Researched accessibility needs and tested prototype with users, focusing on improved independence and mobility with guidance from the university mentors

#### **2025-2026 Academic year: Mobile money as a service bootcamp**

Build a lending microservice (*ongoing*)

Key roles:

- My colleagues and I (a group of 10 students led by the university mentors) are implementing Spring boot Java together with Mpesa Daraja service to build a lending microservice that provides loans to users and allows them to repay the loan after a given period.

### **Personal Projects**

#### **i. Portfolio Website: <https://staceymutinda.com/>**

Key roles

- Designed and deployed a personal portfolio showcasing projects and skills.
- Used HTML, CSS3 and JavaScript to enhance dynamic and mobile-friendly design.
- Deployed and implemented CI/CD setup for automated updates

#### **ii. Fullstack E-commerce platform:**

Key roles:

- Developed a responsive e-commerce web app with product catalog, shopping cart, authentication features.
- Built using React, JavaScript and PostgreSQL for database management
- Integrated GitHub for version control and deployed prototype for user testing

## **3.0 Skills and competencies**

- Frontend: JavaScript (ES6+), HTML5, CSS3, React, Responsive Design
- Programming: Python, SQL

- Databases: MySQL, PostgreSQL, MongoDB
- Tools and Version Control: Git, Github
- Multilingual: proficient (speaking / reading and writing) in English, proficient (speaking and writing) in Kiswahili

#### 4.0 References

Academic referee

**I. Christopher A. Moturi**

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School project referees

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