

# Hamilton January Mwaila

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## PROFESSIONAL SUMMARY

Results-driven Software Engineer with a strong foundation in software development and a specialized focus in cybersecurity. Adept at designing, developing, and securing scalable applications, with hands-on experience in secure coding practices, threat modeling, and vulnerability mitigation. Proven ability to bridge the gap between software engineering and cybersecurity, ensuring robust and compliant systems. Skilled in a range of programming languages (e.g., Python, Java, C++), as well as security tools and frameworks such as OWASP, SIEM, and penetration testing methodologies. Committed to delivering high-quality, secure solutions in dynamic and fast-paced environments.

## EDUCATION

### Zetech university

May 2024 - May 2027

#### Major:

Bachelor of Science in Software Engineering

#### Relevant Coursework:

Course

#### Activities:

Debate Academy

## WORK EXPERIENCE

### PrimetechKenya

12/2023 - Present

#### Role:

Senior Software Engineer

#### Responsibilities:

- Led the design, development, and deployment of secure, scalable web and mobile applications, ensuring adherence to software engineering best practices. Collaborated with cross
- functional teams to deliver high
- quality solutions aligned with business goals. Integrated cybersecurity measures throughout the development lifecycle, including secure coding, threat modeling, and code reviews. Mentored junior engineers, conducted code reviews, and contributed to architectural decisions. Utilized technologies such as Python, JavaScript, Docker, and cloud platforms like AWS and Azure to deliver reliable and high
- performance systems.

#### Achievements:

- Promoted to senior software engineer

## LEADERSHIP/ORGANIZATIONS

### African Debate Academy

12/2024 - Present

**Role:**

Executive director

**Responsibilities:**

- Led the design, development, and deployment of secure, scalable web and mobile applications, ensuring adherence to software engineering best practices. Collaborated with cross
- functional teams to deliver high
- quality solutions aligned with business goals. Integrated cybersecurity measures throughout the development lifecycle, including secure coding, threat modeling, and code reviews. Mentored junior engineers, conducted code reviews, and contributed to architectural decisions. Utilized technologies such as Python, JavaScript, Docker, and cloud platforms like AWS and Azure to deliver reliable and high
- performance systems.

**Achievements:**

- Public speaking

## SKILLS & INTERESTS

**Languages:**

French (fluent)

**Skills:**

JAVASCRIPT, PYTHON, REACT JS

**Programs:**

{'placeholder': 'Modcom institute', 'type': 'certificate of Software development'}, {'placeholder': 'Modcom institute', 'type': 'certificate of cyber security'}

## REFEREES

**John**

Primetech kenya

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