

# NDWIGA PATRICK MURANI

SOFTWARE ENGINEER | GRAPHIC DESIGNER

+254795556007 | +254762045869 | patrickmurani@gmail.com | Portfolio | LinkedIn

## PROFESSIONAL SUMMARY

Detailed-oriented Software Engineer with expertise in full-stack development, combining technical precision with creative design thinking. Proficient in TypeScript, Next.js, React, Node.js, and PostgreSQL, with a strong foundation in UI/UX and graphic design. Passionate about building intuitive, visually engaging, and high-performing web applications that deliver seamless user experiences. Seeking to contribute to a dynamic team by developing innovative, scalable, and user-centric digital solutions.

## WORK EXPERIENCE

### Hillgan Innovations | Software Engineer

March 2025 – June 2025

- Built and refined front-end interfaces for **KaziDesk**, **KaziPOS**, **KaziAfya**, and **HealJunction**, applying modern **UI/UX principles** to ensure responsive and engaging user experiences.

### AWS Student Community Day Kenya | Graphic Designer

May 2024 – September 2024

- Designed visual assets and event materials for **AWS Students Community Day Kenya**, ensuring consistent branding and engaging presentation.

### Google Developer Groups UEAB | UI/UX Lead

September 2023 – August 2024

- Helped establish the **Google Developer Groups chapter** at UEAB and served as its first **UI/UX Lead**, organizing workshops and design-focused events on campus.
- Mentored students in **UI/UX and graphic design**, fostering creativity and practical design application through collaborative sessions.

### Hillgan Innovations | Attaché

May 2024 – July 2024

- Contributed to front-end development of the **Hillgan Bulk SMS System** and **KaziDesk HR Management System**, applying **UI/UX principles** to deliver clean, responsive, and user-friendly interfaces.

### University of Eastern Africa, Baraton | Full Stack Developer

2023 – 2024

- Developed the **UEAB Research Grants** website to streamline research project management and visibility.
- Built the **UEAB Innovation** website to showcase student and faculty innovations through an intuitive, user-centered interface.

## **UEAB Crested Crane (Yearbook Office) | Graphic Designer & Photographer**

**September 2022 – April 2024**

- Captured and curated visual stories from campus events to highlight the university's culture and community.
- Co-designed and produced the **UEAB Yearbook**, blending photography and graphic design to create visually cohesive layouts and memorable narratives.

## **UEAB Journalism Club | Graphic Designer**

**January 2024 – February 2024**

- Designed the inaugural and second editions of **The Baratonian Newsletter**, shaping its visual identity through engaging layout and creative direction.

## **EDUCATION**

---

### **University of Eastern Africa, Baraton**

**2024**

- Bachelor of Science in Software Engineering (*Second Class, Upper Division*)

### **St. Paul's High School – Kevote**

**2019**

- Kenya Certificate of Secondary Education (*B+*)

## **ACHIEVEMENTS**

---

### **Media Council of Kenya**

**2024**

- Accredited Graphic Designer

### **St. Paul's High School – Kevote**

**2018 - 2019**

- Young Christians Society – ICT and Media Lead
- Laboratories Captain
- Class Secretary

## **SKILLS**

---

- **Technical Skills:** Full-Stack Development (React, NextJS, NodeJS, Tailwind CSS, TypeScript), Database Management (PostgreSQL, MySQL, MongoDB), Microsoft Office Suite
- **Design & UI/UX:** UI/UX (Figma, Adobe XD), Graphic Design (Photoshop, Illustrator, InDesign)
- **Photography:** (Photoshop, Lightroom, Premiere Pro)
- **Other Skills:** Management, Problem-solving, Communication, Leadership

## LANGUAGES

---

- English (Fluent)
- Swahili (Fluent)
- Kiembu (Fluent)

## PROJECTS

---

- [Older Persons Cash Transfer Application System](#)

Final-year undergraduate project focused on digitizing the **Inua Jamii** application process to improve efficiency and accessibility.

- More available on the [Portfolio](#)

## REFEREES

---

Tumek Amon  
+254 743 993 212  
[tumek@hillganinnovations.co.ke](mailto:tumek@hillganinnovations.co.ke)

*Tech Lead – Hillgan Innovations*

Dr. Nathan Gitonga  
+254 724 821 289  
*Sponsor, Crested Crane / Lecturer – UEAB*

Arizona Baongoli  
+254 714 533 787  
*H.O.D. Journalism Department / Lecturer – UEAB*

Cohen Kerrario  
+254 728 028 169  
[kerrariocohen@gmail.com](mailto:kerrariocohen@gmail.com)  
*Editor-In-Chief, Crested Crane -UEAB*

Timothy Osoro  
+254 717 083 848  
[timothyosoro61@gmail.com](mailto:timothyosoro61@gmail.com)  
*Correspondent, The Kenya Times*