

EDSON KUZENGWA

Stockholm city, Stockholm • +46761524284 • firstedson@gmail.com

SUMMARY

Innovative Software Engineer with expertise in machine learning, full-stack development, and UI/UX design. Passionate about building scalable solutions and leveraging data-driven insights. Seeking opportunities to apply technical skills and creative problem-solving to drive impactful results.

WORK EXPERIENCE

Software engineer & Product designer, University Graduations **Jul 2024 - Dec 2024**

- Developed a full-stack e-commerce platform using React & Node.js, and integrated a push USSD payment processing over 500 orders monthly
- Designed sashes, marketing posters, gift cards, and premium packaging, elevating brand perception and driving a 30% increase in referrals.

Machine learning junior engineer, UDSM Community **Nov 2023 - Mar 2024**

- Conducted Exploratory Data Analysis (EDA) for financial inclusion prediction in East Africa, utilizing Streamlit, scikit-learn, Matplotlib, and other Python libraries.
- Trained and tested machine learning models to assess banking access, addressing a 14% banking penetration rate in Kenya, Rwanda, Tanzania, and Uganda.

Software developer, Professional Agri-technology Organization **Jan 2023 - Feb 2025**

- Developed and maintained the PATO website, enhancing online visibility and attracting new customers through strategic branding.
 - Designed digital assets for brand consistency, including company profiles, business cards, logo presentations, business t-shirts, and letterheads.
-

EDUCATION

Master of Science in Machine learning(exchange) **Present**

KTH-Royal institute of technology

- Specialization in machine learning algorithms and networks systems in ML
- Design thinking course in Innovation of emerging cities

Bachelor of Science in Computer science **Nov 2021 - Jun 2024**

University of Dar es salaam

- Relevant coursework in Software design and development
 - Developed hands-on experience in algorithms, data structures, object-oriented programming, and full-stack web development
-

ADDITIONAL INFORMATION

- **Technical Skills:** Full-Stack Development (React, Node.js, Express, Python), Machine Learning (TensorFlow, Scikit-learn), UI/UX Design (Figma, Adobe Suite), Cloud Services (AWS, Supabase), Database Management (PostgreSQL, MySQL), Linux administration
- **Languages:** English, Kiswahili
- **Certifications:** Foundation skills for Data Science Application by Omdena
- **Awards/Activities:** Selected as a SARUFI ambassador from NEUROTECH (Conducted technical workshops on Chatbot development)