VACANCY ANNOUNCEMENT (SOFTWARE DEVELOPER)

Position: Software Developer

Location: Nairobi

Employment Type: Full-time (Contract)

Application Deadline: 4th June 2025

Background

Centre for Behaviour Change and Communication (CBCC) is a Kenyan organisation dedicated to providing locally driven comprehensive Social and Behaviour Change (SBC) solutions across different sectors using evidence-based programming, continued innovative approaches, and strengthened partnerships. We have demonstrated expertise in SBC programme design, planning, implementation, evaluation, training, capacity strengthening and research. CBCC is committed to achieving transformation of communities as well as creating lasting and impactful societal change through our contribution to SBC policy and practice in Kenya and the rest of Africa.

About the Role

CBCC is seeking a skilled and motivated Developer to join our **growing digital innovation team.** The successful candidate will contribute to the design, development, and scaling of **innovative digital marketplace platforms** aimed at transforming the buying and selling experience in Kenya and beyond. The system supports both web and mobile applications and is a key part of CBCC's digital inclusion strategy.

Core Responsibilities

1. **System Backend Development**
   - Design, build, and maintain robust backend logic for mobile and web applications using Python and Django.
2. **API Integration**
   - Seamlessly integrate SMS and WhatsApp APIs (e.g., Africa's Talking, WhatsApp Business API).
   - Implement secure and efficient payment workflows using:
   - M-Pesa Daraja API for mobile money transactions
   - Card payment APIs like Stripe, Flutterwave, and PayPal
3. **Frontend Development**
   - Create mobile-first, intuitive user interfaces using modern tools such as TailwindCSS, Bootstrap, or React.
4. **Mobile App Development**
   - Collaborate on building and updating cross-platform apps using Flutter, ensuring feature parity between web and mobile platforms.

Required Skills and Experience

- Minimum 3 years' experience in software development
- Proficiency in Python 3.9 and Django Framework
- Experience with Django Rest Framework (DRF)
- Strong understanding of Linux server administration and basic security practices
- Database design and query optimization using PostgreSQL or MySQL
- Proven integration of third-party APIs (SMS, WhatsApp, payments)
- Proficient in JavaScript, HTML5, CSS3, and responsive UI design
- Experience in Flutter (Dart) for cross-platform mobile development
- Familiar with Git, CI/CD pipelines, and automated testing

Additional Skills

- Experience with PostgreSQL or MySQL
- Familiarity with Celery, Redis, and asynchronous task queues
- Knowledge of OAuth2, JWT, and modern secure authentication protocols
- Understanding of data privacy and protection regulations

Why Join Us?

- Be part of a mission-driven organisation leading digital and social transformation
- Work on an impactful, tech-forward digital marketplace project with real-world relevance
- Thrive in an agile, collaborative environment that values innovation and growth
- Access continuous professional development opportunities

How to Apply

Interested candidates are invited to submit their CV and a sample portfolio of work via the following link: https://forms.gle/PwgDNXBmSod4ALUF9 by **4th June 2025 at 5:00 PM EAT.**

Only shortlisted candidates will be contacted.

Join CBCC and help shape the future of inclusive digital commerce in Kenya and beyond.

Our PSEA Policy Statement

CBCC is committed to the prevention of sexual exploitation, abuse, and harassment (PSEA) and to upholding the highest standards of integrity and accountability. All successful candidates will be required to adhere to CBCC's PSEA policy and undergo background checks as part of the recruitment process.