

## **Maiyo Brian Kiprop**

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Mobile: 0724431173

### **Profile**

I am an adaptable, motivated and hardworking individual, I learn fast and work well with teams, I like solving problems and I am capable of working under pressure. I have extensive experience in design, implementation and management of software development projects.

### **Educational Background**

July 2015 - Present

Master of Science in Information Systems Security. Strathmore University.

July 2008- June 2012:

Bachelor of Business Information Technology (Second class, networking Major), Strathmore University.

### **Work Experience**

**2013 August - Present**

#### **@iLabAfrica**

@iLabAfrica is a research center under the Faculty of Information Technology at Strathmore University focused on ICT for Development initiatives. I am part of a team tasked with handling e-Health projects. Some of my contributions to the team include.

1. Representing @iLabAfrica in meetings with projects partners as the technical lead.
2. Implementation, training and support of various systems.
3. Co-authoring an abstract on a Laboratory Information System that was presented at the annual ASLM conference in South Africa.
4. Improving the software development workflows to include documentation, tighter schedules, automated testing and internal code reviews.

**June 2013 - November 2013**

#### **Anjarwalla and Khanna**

Anjarwalla and Khanna is one of the leading law firms in East Africa. Some of my contributions include.

1. Improving the SEO ranking of their website.
2. Creating, updating and rebranding their digital content.

## Experience

- Leading a team in development, deployment, documentation, maintenance and support of a Laboratory information system (BLIS) used in several hospitals around the country.
- Connecting laboratory instrument to health systems using low level language (TCP/IP, ASTM, RS232)
- Development of a proprietary health information exchange system (Medbook Africa).
- Maintenance of Platinum 5 health system, a proprietary web-browser based, clinical, care and lifestyle management application for the aged and community care industry used in Australia.
- A monitoring and evaluation system for Mothers2mothers, this is a mobile and web based system that enabled Mothers2Mothers an organization with operation in several African countries to manage their operation from one central system.
- An SMS based payment system for RVE SOL that enabled people in rural areas to pay for clean water and solar energy.

## Technical Skills

- Languages: Java, PHP, Python, JavaScript (Angular/jQuery), Shell scripting.
- Databases: MySQL, PostgreSQL, SQLite, MSSQL.
- Toolkit: Continuous Integration, Git, Code review and testing.
- Linux Server administration (remote), penetration testing, authentication (OAUTH, 2FA) and troubleshooting.

## Languages

Fluent in written and spoken English Kiswahili.

Beginner in Japanese.

## Referees

Rufus K. Nyaga	Joan Wasike	Alice Boit
LIS Technical Consultant	Lab Manager	Senior Hostel officer
A.P.H.L *	Bungoma C.R.H *	Moi University
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\* - County Referral Hospital

\* - Association of Public Health Laboratories