

Nelson Guto Kimaiga

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## **BIO**

- Date of Birth: 14/07/1992
- Gender : Male
- Marital status : Single
- Nationality : Kenyan.

Personal website/online portfolio: <https://nelsonkimaiga.azurewebsites.net>

Technical blog: <https://rhapsody.azurewebsites.net>

## **Career Objectives:**

- To merge technical growth and personal growth
- To build a rewarding career in information technology with a view to learning and practice.

## **Education**

**Moringa School** - Software development boot-camp, August 2015 - December 2015.

**Strathmore University** - Bachelor of Business Information Technology, (BBIT) 2014 - 2015.

**Strathmore University** – Diploma in Business Information Technology, (DBIT) 2011 - 2012.

**Apostles of Jesus Seminary Kiserian** - Kenya Certificate of Secondary Education (KCSE)-2007-2010.

**Donholm Catholic Primary School**- Kenya Certificate of Primary Education (KCPE) 1999 – 2006.

## **Professional Experience**

### **Software Developer, System Analyst - The African Academy of Sciences October 2016 - Present**

- System Analysis and Design of the Community of Practise web platform

### **Hacker in Residence, software Curriculum Instructor, Technical Mentor | Moringa School,**

#### **January 2016 - August 2016**

- Designed and delivered content for curriculum including HTML/CSS, databases, algorithms, data structures, and logical programming problems.
- Developed internal tools for improved curriculum organization and accessibility, as well as, real-time communication between students and instructors.
- Assisted students with technical questions and provided feedback to instructors on lesson outcomes.

- Conducted applicant interviews for prospective applicants to the boot camp.
- Technical mentor-ship to boot camp students, and facilitation of internal workshops.

### **IT Technician, support internship | Sarova Panafric Hotels, April 2015-June 2015**

- Client IT support.
- Network troubleshooting
- Software installations.

### **Volunteer Work**

St. John's' Ambulance | 2007 – 2010

- First Aider.

St. Jude's Donholm Parish | 2007 – 2012

- Apostolate as junior seminarian to the local parish.
- Altar server.

### **Technical Skills**

Strong: Java, HTML5/CSS3, JavaScript, Git, Windows Azure, MySQL, Apache Tomcat, MVC, Scrum.

Knowledgeable: Nodejs, PHP, Laravel, Python-Django, Firebase, Angular.js, Android-SDK.

### **Portfolio of Technical Projects worked on**

Leave Manager- [leavemanagerapp.azurewebsites.net/LeaveManager](http://leavemanagerapp.azurewebsites.net/LeaveManager)

An online web app that aids the application of leaves to departments. Tools used: Foundation Zurb(front-end), Java servlets (Backend), MySQL(database), Git(Version Control), Windows Azure & Apache Tomcat(DevOps)

ChatterBox - <http://chattingapp.bitballoon.com/>

A simple web based chat application with chat room creation. Tools used: HTML/CSS, Foundation Zurb, Javascript jQuery framework, Google-Auth API, Firebase.

Sironka- <https://stark-tor-2363.herokuapp.com>

Sironka is an online platform that sells body, face and hair products. Tools used: Angular.js(Front-end), Nodejs (Backend), MongoDB(database), Heroku(DevOps), JavaScript(Programming language).

Calcujs - [nelsonkimaiga.github.io/Calcujs](https://nelsonkimaiga.github.io/Calcujs)

Simple JavaScript calculator. Tools used: Foundation Zurb(front-end), JavaScript, GitHub pages (hosting), Git(Version Control)

PaintApp - <https://paintapp.azurewebsites.net>

Javascript-based painting application.

Health Hack- <https://healthhack.azurewebsites.net>

A front-end website that was dedicated to a health hackathon event.

Tools used: Foundation Zurb, Azure, jQuery, JavaScript.

Prime Auction- <https://rhapsodyauction.azurewebsites.net/websocket-auction/>

An online web app that aids the execution of auction deals and placing of bids.

Tools Used: Foundation Zurb(Front-end), JavaScript, Java Servlets, Git(Version control), Windows Azure & Apache Tomcat (DevOps)

### **References**

Audrey Cheng-CEO, Co-Founder Moringa School

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Savannah Kunovsky-CTO/Curriculum Lead-Moringa School

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