

# MARTIN O. CORNEL

P.O. BOX 30261 - 00100 Kenya

**Mobile:** +254724755556 | **Email:** [mrtncornel@gmail.com](mailto:mrtncornel@gmail.com) | **Website:** [www.mcornel.com](http://www.mcornel.com)

---

## PROFILE INFORMATION<sup>1</sup>

---

Date of Birth: 24<sup>th</sup> September, 1993  
Gender: Male  
Nationality: Kenyan

## SUMMARY AND CAREER OBJECTIVE

---

I have cumulative 5 years' experience in software engineering, systems and mobile app development, IT support and user training. My strength is in adaptability and in being a quick learner. I seek to team with empowering software engineering professionals to share skills and build solutions that solve problems and meet company objectives while building my career as a software engineer and making a positive impact.

## SKILLS

---

Soft Skills: Accountable, fast learner, collaborative, sociable and dependable.

Technical: Systems Engineering, Databases and Programming (Python, Kotlin, Android and Web apps - Django, Laravel, jQuery, Angular, VueJs, SQL, noSQL ), Linux Servers, Technical support...

## PROFESSIONAL EXPERIENCE

---

### Senior Software Engineer | Living Goods (Global head office)

January 2022 - Present, Kileleshwa, Nairobi | *Full Time* (1 month)

- Identify, prioritize and execute tasks in the software development life cycle

Impacts Projects and Awards (recent 3)

- Awarded top 3 of 400+ LG staff living the [organization values](#) daily.

### Software Engineer | Living Goods (Global head office)

January 2020 - December 2021, Kileleshwa, Nairobi | *Full Time* (2 Years)

- Continuous development of the Living Goods platform producing clean and efficient code.
- Work with QA engineers to Perform validation and verification testing
- Document development phases and monitor systems
- Fixing bugs, code review and scalability testing.
- Automating tasks through tools and scripts.
- Manage Project Technical Configuration and scope of work.
- Post Development Product Support.

Impact and Projects (recent 3)

- Automated database objects maintenance (backup, diagnosis, replication) thus increasing uptime for Gigabytes of noSQL data (Python, couchdb, postgres)
- 2020 dropped the cost on dashboards by offering alternative options saving the organization \$1,500 monthly (Klipfolio, Superset analytics)
- Developed LG Health platforms for secure integration with other solutions using relational and non relational databases. (Continuous product improvement)

---

<sup>1</sup> Social Profiles: [LinkedIn](#), [Twitter](#), [Facebook](#), [GitHub](#), [AngelList](#)

## Software Development Consultant | MUVA Technologies

December 2019 - December 2020, Nairobi | *Part Time* (1 Year)

- Web systems development (Python Django, PHP Laravel).
- Offering advice on software development processes and QA processes.
- Systems maintenance, improvement and security audits.

Impact and Projects (recent 2)

- Yurban Rides Taxi Hailing App: (PHP, VueJS, Kotlin, Linux Servers) [yurbanrides.com](http://yurbanrides.com)

## Systems Developer | MUVA Technologies

April 2017 - December 2019, Juja | *Full Time* (2 years, 9 months)

- Web systems development (Python Django, PHP Laravel, VueJS)
- Android mobile app development. (Java, Kotlin)
- Software projects management (mainly Agile methodology and Waterfall model)
- Django web track trainer/mentor at [Kwetu Hub \(MUVA Academy\)](http://Kwetu Hub (MUVA Academy))

Impact and Projects (recent 4)

- Saspacity Grooming appointments: (Web and Android app; PHP, Kotlin) [saspacity.com](http://saspacity.com)
- Resolution Insurance IPF Financing Solution: (Web based SW using PHP)
- Mentored interns into equipped developers thus increasing MUVA's developer pool.

## Websites and Web Apps Developer (Freelance) | Consult mCornel

April 2016 - June 2020, Nairobi | *Remote Part Time* (4 years, 2 month)

- Implementing web designs, admin portals design and implementation (HTML, CSS, AngularJS)
- Backend and database systems development (PHP, Python, SQL, Linux servers,).
- Android mobile application development (Kotlin, APIs)

Projects (recent 3)

- PONACARE Clinic Management System (PHP, AngularJS) <https://ponacare.mcornel.com/>
- Nightset (Website, Backend; AngularJS, Python Django) [www.nightset.co/](http://www.nightset.co/)
- mCornel Dev Web Tools: (Web tools for developers; PHP, jQuery) <https://mcornel.com/tools/>

## Constituency ICT Officer | IEBC Kenya

December 2016 – March 2017, Nyanza Central Region | *Full Time* (3 months)

- Field and technical support, faulty kits and systems repairs and replacement, ICT issues management, technical supervision, BVR System configuration and Training of MVR2 Personnel.

Impact

- Trained a team of 42 VRAs on basic IT skills in preparation for mass voter registration.
- Mentored a VRA on IT issues management, technical support and supervision by apprenticeship. She became equipped to be constituency ICT officer during voting exercises of 2017.

## Developer Fellowship and Bootcamp | Andela Kenya

August 2016 - September 2016 | *Full Time* (2 months)

- Selected among 42 out of 1,500 applicants for vigorous training and tests. The experience built my skills in Python coding and systems development despite missing the top 6 to join Andela.

## Voter Registration Assistant | IEBC Kenya

February 2016 - March 2016, Kabondo Kasipul Constituency | *Full Time* (2 months)

- Voter biometric and alphanumeric data capture, report compilation, maintenance and security of Biometric Voter Registration (BVR) Kit, voter education and mobilization

## ICT Intern | Kenya Medical Research Institute (KEMRI)

August 2014 - December 2014, Nairobi Headquarter | *Full Time* (5 months)

- Tech support, data and network management, help desk attendance, web content management.

#### **OCR Validator | Daproim Africa Limited**

August 2012 - August 2015, Nairobi Headquarter | *Remote Part Time* (3 years)

- Data entry, OCR validation, audio transcription.

### **ACADEMIC BACKGROUND<sup>2</sup>**

---

#### **MSc. Software Engineering | Jomo Kenyatta University of Agriculture and Technology (JKUAT)**

September 2016 - December 2019, Main campus

- Research area, Software architecture technical debts for Agile projects.

#### **BSc. Computer Science | Maseno University**

January 2012 - December 2015, Main campus

Second Class Upper Division | [Recommendation](#)

- 60 course units including: Digital Electronics, Object Oriented Programming, Application Development for the Internet, Data Structures and Algorithms, Information Systems Security and Design, System Analysis, and Design, Computer Networks, Mobile computing...

#### **Cisco Certified Network Associate | Cisco Net Academy and Maseno Networks Lab**

January 2014 - July 2015

- Modular Certificates: CCNA 1 Introduction to Networks, CCNA 2 Networking Essentials, CCNA 3 Scaling Networks, CCNA 4 Connecting Networks, CCNA Security and IT Essentials.

#### **Kenya Certificate of Secondary Education | St. Joseph's Rapogi Secondary School**

January 2007 - November 2010

Mean Grade: B+ (73/84 Points)

- Certificate of Advanced Computer studies and packages
- Co-founded Rapogi ICT Club

#### **Kenya Certificate of Primary Education | Ober Boys' Boarding Primary School**

January 2005 - November 2006

- Mean Grade: A 400/500 Marks (59/60 Points)

### **INTERESTS AND HOBBIES**

---

Cycling, Code challenges and Community service

### **RELEVANT PROFESSIONAL TRAINING**

---

- |   |                      |
|---|----------------------|
| • Diversity Equity and Inclusion Champions Training at Living Goods | <i>May 2020</i>      |
| • ICT Audit, Support and Facilitation by IEBC Nyanza Central        | <i>December 2016</i> |
| • Leadership and Governance training by SWS Maseno University       | <i>June 2013</i>     |
| • Career development and Social behavior by Career Training Center  | <i>April 2012</i>    |

### **REFEREES<sup>3</sup>**

---

Frederick Onyango | Living Goods

Senior Quality Assurance Engineer

[fredrickonyango370@gmail.com](mailto:fredrickonyango370@gmail.com)

+254708537306

Henry Mbugua | Muva Technologies

---

<sup>2</sup> Latest soft copy of this document available on: [https://cv.mcornel.com/docs/Martin\\_CV.pdf](https://cv.mcornel.com/docs/Martin_CV.pdf)

<sup>3</sup> Referees listed by most recent professional interaction first.

Projects and Happiness Manager (Currently a Software Engineer at Microsoft)  
[henrymbuguak@gmail.com](mailto:henrymbuguak@gmail.com) +254728851119

Mrs. Beatrice Ongadi | KEMRI Headquarters Nairobi | [Testimonial](#)  
Head of Technical Support (Currently research Scientist; Bioinformatics at KEMRI)  
[bongadi@kemri.org](mailto:bongadi@kemri.org) +254728324324