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| Ian Muge  +447379924152 · +254724052578  ian.muge@gmail.com · <https://www.linkedin.com/in/ian-muge/> · <https://github.com/muge13> |
| Recent MSc in Communications and Signal Processing with 4 years software and devops engineering experience. Aiming to leverage previous knowledge and current trends to develop cutting-edge software and devops solutions. I am proactive, adaptable and dependable with a wild curiosity, looking forward to working in a collaborative, challenging and dynamic workplace. |

# Experience

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| October 2018 – presentSoftware and Devops Engineering Consultant, Safaricom PLC  * Worked to develop and support the Masoko (E-Commerce) Platform. * Develop and deploy code lifecycle tools and pipelines to enable continuous development and integration * Automation of production ready infrastructure * Backend and RESTful services development |
| march 2018 – october 2018Software and Devops Engineer, Safaricom PLC  * Worked under the Digital Engineering Department to develop and support the Masoko (E-Commerce) Platform. * Develop and deploy code lifecycle tools and pipelines to enable continuous development and integration * Automation of production ready infrastructure * Backend and RESTful services development |
| march 2017 – march 2018IT Development Consutant, Safaricom PLC (Techsavanna Ltd. Contractor)  * Worked under the Digital Engineering Department to develop and support the Masoko (E-Commerce) Platform. * Development and support of financial backend and RESTful services. * Unit testing of developed solutions * Automation of production ready infrastructure |
| october 2016 – January 2017Financial Services Planning Intern, Safaricom PLCProvide Technical support for M-Pesa (mobile money) integrations and code implementation  * Testing M-Pesa (mobile money) integrations and code implementation |
| may 2015 – april 2016Systems Development Intern, Strathmore business school  * Development and support of web systems * Code debugging and optimization * Support unit and regression testing * Provide IT support |

# Education

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| december 2019MSc. Communications and Signal Processing, University of Manchester Dissertation Project: Real-time Face Detection in Autonomous Systems using Deep Learning |
| june 2016BSc. Telecommunications, Strathmore University First Class Honors  Recognized on the Dean's List for exceptional performance.  Final Year Project: Implementation of a charging system for IP Multimedia networks |
| November 2011Kenya Certificate of Secondary Education, Utumishi academy Final Aggregate Grade: A- |
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# Skills

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| * Agile Software Development * Devops * CI/CD * Python * PHP * SQL * Data Analysis * IaaS (AWS) * Ansible * Docker * Magento * Deep learning | * Teamwork * Leadership |

# Activities

I volunteered at the Kenya National Library Services.

I was the school captain in high school and a member of the mathematics club.

I am passionate about open-source projects and Iaido.

I participated in a number of hackathons in university including the IEEEXtreme 2015 and emerged best in Kenya.

# Certifications

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| Scrum Fundamentals Certified | Apr 2018 – Apr 2021  Accreditation Body: SCRUMStudy  License: 622875 |
| Data Analysis | Accreditation Body: Dataquest.io  License: 2H0948KTTA63AL4LB3ZQ |