

CURRICULUM VITEA

PERSONAL DETAILS

Full Name: Ocaka Alfred

Address: Plot 40B Lower Churchill Drive, Gulu, Uganda

Telephone: +25670 224 2866 / +25677 777 0508

Email: fredocaka@gmail.com

Date of Birth: 6th April, 1993

Nationality: Ugandan

Gender: Male

Marital Status: Single

PERSONAL PROFILE

I am a hardworking, friendly, reliable, fast learner, flexible, adaptable to new environment, team player on initiative, self motivated and professional person who takes any challenge as an opportunity to grow. I have diverse skills in the field of computer programming, Telecommunication, computer science and leadership. My Curriculum vitae highlights in detail some of these skills attained and can be put to task when ever need arises.

EDUCATION BACKGROUND

Year	Award	Institution	Country
Feb 2012 - May 2016	Bachelor of Science in Telecommunication Engineering	Makerere University	Uganda
Mar 2010 - Dec 2011	Uganda Advanced Certificate of Education (UACE)	Nakasero Secondary School	Uganda
Feb 2006 – Dec 2009	Uganda Certificate of Education (UCE)	Lacor Seminary	Uganda
Feb 1999 -Nov 2005	Primary Leaving Examination (PLE)	Awach Primary Seven School	Uganda

KEY SKILLS

- **Back end development** ; PHP, Slim framework, and Laravel MVC
- **Front end:** HTML5, CSS , Vue Js, Bootstrap framework, Material Design
- **Technologies:** ORM (Eloquent), templating (Twig, blade), XML , REST API, Object oriented design and Composer
- **Git and Github**
- Experience in MySQL and SQL
- **Linux OS:** configuring and administering Apache web servers
- Other Programming languages: Python, R and Golang
- **Computer Networking:** LAN , WAN, TCP/IP, Network Server monitoring and maintenance.
- **Network Security;** Reconnaissance, Enumeration, Vulnerability Assessment, Wireless and web penetration.
- Excellent analytic and problem, solving skills
- Excellent communication skills

CAREER Senior Software Developer

ARMS Makerere University

Mar 2018 – To date

Duties

- Develop software solutions by studying information needs, conferring with users, work processes and following the software development life cycle.
- Identify, prioritize and execute tasks in the software development life cycle.
- Develop tools and applications by producing clean, efficient code
- Documents and demonstrates solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments and clear code.
- Provide coaching and capacity building of junior developers.
- Updates job knowledge by studying stateoftheart development tools, programming techniques, and computing equipment; participating in educational opportunities; reading professional publications; maintaining personal networks; participating in professional organizations.
- Protects operations by keeping information confidential.

- Provides information by collecting, analyzing, and summarizing development and service issues.
- Perform any other duties deemed necessary.

Business Support Assistant (Data)

UN World Food Programme, Gulu Sub office.

Apr 2017 – Mar 2018

Duties

- Managing implementing partners in collaboration with OPM, UNHCR and other agencies in a timely manner.
- Update all the cooperating Partner Distribution Reports (CPDRs) data are entered in COMET and liaise with Programme Officers of the different partners to ensure validation in timely manner.
- Periodically update all Daily Distribution Reports (DDRs), Nutrition and Market Data are entered in PROMIS.
- Identify simple discrepancies in statistics and data such as missing information and report to Senior staff in order to support clients to deliver their work.
- Develop a simple monitoring and evaluation database at the field level
- Diagnose and Solve hardware/software faults (Printers, Laptops and Server) in Coordination with ICT Kampala
- Install, Configure and update computer software coordinating with ICT Kampala.
- Provide ICT support in trainings/events organized by the sub office
- Provide any other ICT support to the staff.
- Perform other duties deemed necessary.

Software Developer

Ensibuuko Company Limited

Jan 2017 – April 2017

Duties

- Support the development and testing of a core banking system.
- Take part in the gathering to user requirements to improve on the system.

- Take part in software documentation.
- Coordinating with other developers to maintain the same coding standard
- Performing other duties

Associate Researcher

Netlabs Uganda

May 2016 – Mar 2017

Duties

- Design and develop programming systems making specific determinations about system performance.
- Support in training interns on the latest software and telecommunication technologies.
- Responsible for development of new programs, analyzes current programs and processes, and making recommendations which yield a more cost effective product.
- Develop firewall management system and carry out research on wireless technologies.
- Communicating with relevant stakeholders
- Perform any other duties deemed necessary.

PROJECTS WORKED ON

- Students Management System – Currently working on
- Uganda Institute of Professional Engineers (UIPE) membership system(uipe.co.ug)
- Banking System at Ensibuuko (ensibuuko.com)
- Mikrotik Firewall Management System at Netlabs Uganda.
- Cash Refugees tracking system at UN WFP -prototype

PUBLICATIONS

Ocaka, Nyagoma.M (2016). "Interference Management in Device to Device communication" Symposium on Transformative Digital Technologies, Kampala 2016, 3 February 2016.

HOBBIES AND INTERESTS

Soccer, traveling, adventure, group formation, music, reading novels articles and computer programming.

REFERENCES ON REQUEST

Stella Mavenjina

Head Of Gulu Field Office

UN World Food Programme

Mob: +256 772 287003

Email: stella.mavenjina@wfp.org

Diarmuid Ó Briain

CEng, FIEL, FIET, MUIPE, CISSP

Associate Lecturer, Makerere University

Country Director, Netlabs Uganda

Mob :+256 780246746

Email: diarmuid.OBriain@itcarlow.ie

Moses Oryema

Head Of Arua Field Office

UN World Food Programme

Mob: +256 772 287011

Email: moses.oryema@wfp.org