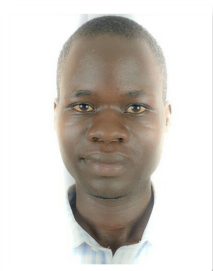


OPENJA MOSES



Mbarara Municipality, Mbarara (Uganda)

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Skype: openjamosesopm

SUMMARY

Software Developer with thorough hands-on experience in all level of testing, performance, integration, functional, system, regression and user acceptability testing. Supportive and enthusiastic team player dedicated to streamlining the processes and efficiently resolving project issues. Willing to take ownership of core components

SKILLS HIGHLIGHTS

Java, Algorithms, Data mining, Android development, JSON - Github API, XML, Database administration Database query languages (SQL, others), HTML, Ionic framework, JavaScript, PHP Relational databases (SQL), Software architecture, PYTHON.

OTHER SKILLS: Data entry and compilation, Data cleaning, computer troubleshooting and maintenance, software troubleshooting, CISCO Networking.

EXPERIENCE

**Software Developer Consultant | CAMTech Uganda –
Mbarara University of Science and Technology**

1st Feb 2018 – 1st Jan 2019

Developed an interactive mobile application based on android phone that guides frontline health providers learn and practice newborn resuscitation skills

Developed database to store all the user data sync directly from the user devices

Integrating human factors and user centered design approaches in Project development, testing and validation through alpha, beta and finished models

Developed an online portal that can be accessed in real-time by the project research team.

Analyzing the user data to user data and provided reports to the project investigator.

Software Engineering Research Assistant | Mbarara University of Science and Technology

1st May 2017 – 1st Feb 2019

Writing algorithms that make use of both Github API and POI API in java to collect app details such as forks, pull requests, commits, total contributors in an app, finding out the major or minor developer in an app, among others.

Using Eclipse API to determine the co-evolution of eclipse versions.

- Developing software in a variety of languages such as JAVA, PYTHON, PHP, and MYSQL.
- Diagnosing and resolving system faults and Generating comprehensive test plans.
- Designing and implementing quality, web-based software products. Android apps.
- Participating in all phases of the software development cycle.
- Analyzing user requirements.
- Supporting existing software products and making progress on new products.
- Analyzing user needs and then developing appropriate software solutions.
- Performing root cause analysis on software problems.
- Writing up detailed specifications and program codes.
- Working with offshore or off-site team members.
- Testing products to ensure that they operate satisfactorily.
- Writing up operational documentation in partnership with technical authors.
- Testing products in controlled, real life situations.
- Mentoring and leading junior level software engineers.

Internship | MCBots

1st Jun 2016 – 30th July

- Networking and cable terminations
- Computer troubleshooting and maintenance
- Computer graphics design
- Embedded systems programming
- Proposal and Report writing
- Android programming

PROJECT WORKED ON

- ☐ Helping babies breath (HBB):- A Mobile phone based application the helps the frontline health workers to learn and practice newborn resuscitation skills
- ☐ MobiCare Uganda:- A Mobile phone based application for medical consultations helps by linking health workers and the general public.
- ☐ Street Parking:- Android based application for monitoring the parking defaulters around Mbarara City.
- ☐ Protecting Remote Infants by SMS (PRISMS):- A mobile based application used health workers mainly Birth attendance in remote setting in Uganda for protecting the newborn infants by using SMS technology.

PUBLICATION

J. Businge, M. Openja, S. Nadi, E. Bainomugisha, and T. Berger, “**Clone-based variability management in the android ecosystem**,” in Proceedings of the 34th International Conference on Software Maintenance and Evolution, ser. ICSME, 2018.

John Businge, Simon Kawuma, Openja Moses, Engineer Bainomugisha and Alexander Serebrenik, “**How stable are Eclipse Application Framework Internal Interfaces?**”, in Preceeding of the 26th IEEE International Conference on Software Analysis, Evolution and Reengineering (SANER), to be held in Hangzhou, China, February 24-27, 2019.

John Businge, Openja Moses, Engineer Bainomugisha and Alexander Serebrenik, “**Study of Android App Popularity by Cross-Linking Github and Google Play Store**”, in Preceeding of the 26th IEEE International Conference on Software Analysis, Evolution and Reengineering (SANER), to be held in Hangzhou, China, February 24-27, 2019

EDUCATION

- ☐ Master in Information System – Mbarara University of Science and Technology- not completed
- ☐ Bachelor of Computer Science – Mbarara University of Science and Technology
- ☐ Advanced Level (Physics, Chemistry, Maths - Computer) – Uringi SSS

AWARDS

- ☐ DIGITAL SPEECH ASSISTANT – a device to help the speech impaired patients communicate with the health professional-1ST CAMTech Uganda MedTech Hackathon Award 24TH TO 26TH AUG 2018
- ☐ 1st UBORA DESIGN SCHOOL AWARD – Second position held at Kenyatta University from 10th to 15th December 2017.
- ☐ PRISMS:- Protecting remote infants by SMS - BEST HEALTH APPLICATION; MTN INOVATION AWARD– 28TH OCT 2017
- ☐ MOBICARE: - Mobile based mobile application for appointment scheduling - \$10,000 CAMTECH ACCELERATOR PROGRAM- OCT 2017 TO PRESENT
- ☐ SMART REMINDER:- A wearable device for reminding elderly patients to take their medication - ICS AWARD- MAY 2017
- ☐ CISCO Networking Academy – Certificate of Completion – Nov 16 2016
- ☐ Android Student Club – Certificate of Completion – May 10 2014 - GOOGLE

REFERENCES

- **Dr Data Santorino, CAMTech Uganda (Country Director)**
+2567743578828, boymukedata@gmail.com

- Dr John Businge, Mbarara University of Science and Technology (Senior Lecturer, Supervisor Software Engineering)

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- Dr. Nabaasa Evarist, Mbarara University of Science and Technology (Dean of faculty)

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