

## DALLINGTON ASINGWIRE

Kigowa Road, Ntinda Kampala, Uganda

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### EDUCATION

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**Makerere University** Aug 2016 - Dec 2020

BSc. in Software Engineering

Grade: **First Class Honors (4.53/5)**

Project title: A secure layer for a desktop weather data repository

### TEACHING EXPERIENCE

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**ISBAT University** | Faculty Lecturer Aug 2022 – up to date

- I teach and conduct lessons in C# and web programming, set and grade exams.

**Makerere University** | Teaching Assistant Jul 2022 - Aug 2022

- I volunteered to teach and lead classes in Java object-oriented programming through a former lecturer.

**Makerere University** | Teaching Assistant Nov 2021 - Dec 2021

- I volunteered to teach and lead classes in Java object-oriented programming through a former lecturer.

**St. Johns SS Nyabwina** | Student Teacher Mar 2019 - Aug 2019

- Taught and conducted lessons in physics, mathematics, chemistry, and ict, as well as organized and graded exams and created student performance reports.

**Sheema Girls School** | Student Teacher Mar 2019 - Aug 2019

- Taught and conducted lessons in physics, mathematics, chemistry, and ict, as well as organized and graded exams and created student performance reports.

### WORK EXPERIENCE

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**KEIPhone Global** | Full Stack Software Engineer Feb 2022 – up to date

- Developing and maintaining software systems using Kotlin, Node.js, Django and Angular

**Bank of Uganda** | Software Development Engineering Intern Jul 2019 - Aug 2019

- Developed, tested, documented and deployed software applications.

**Africa One** | Full Stack Software Engineer Feb 2021 – Jan 2022

- Created software systems in JavaScript and PHP, such as the Africa One News portal, and tested, documented, and deployed them.

**Pegasus Technologies** | Full Stack Software Engineer Jun 2020 – Jan 2021

- Created web and API systems in C#, tested, documented, and deployed them.

**Makerere University** | Software Engineering Intern Jun 2019 - Jul 2019

- Created and documented website applications, learned and implemented IT administration skills, and worked together with other interns to complete given tasks.

## **AWARDS AND HONORS**

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- Dean's List for 8 semesters in 4 years.
- Certificate of participation in the inaugural leadership seminar at Makerere University.
- Certificate of recognition as minister of justice & constitutional affairs, Makerere University 2017
- Certificate of recognition as the most disciplined student in high school (Senior 5 and Senior 6) Science Class in 2014 and 2015.
- Certificate of recognition as Prefect in charge of Academics at Bugarama High School in 2012-2013.
- Certificate of recognition as Information Prefect at Bugarama High School, 2011-2012 and 2012-2013.

## **TECHNICAL COMPETENCE**

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- Computer Programming: C#, JavaScript, Python, Java, and PHP
- Database Programming: SQL, MySQL, MongoDB, and PostgreSQL
- Tools and technologies: Amazon Web Services(AWS), Docker, Git and Github, Nginx, VsCode, Postman, Pycharm, NetBeans, Eclipse, Android Studio, installation of operating systems and related software packages.

## **PROJECTS**

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- A secure layer for a desktop weather data repository; a secure desktop application that provides weather information to Ugandan farmers. [Link](#)
- ParkPro; a mobile application that allows drivers to find affordable and nearby parking spots for their vehicles. [Link](#)
- Online Examination system; is a web application that allows students to log in and take online exams. [Link](#)
- Other projects are listed [here](#)

## **PUBLICATIONS AND PRESENTATIONS**

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- Software development blogs; I use the DEV Community platform to write and publish programming articles that other developers can leverage and use in their work. The link to my DEV Community blogs is [here](#)

## **ACADEMIC AND PROFESSIONAL MEMBERSHIPS**

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- Professional Software Engineers and IT practitioners, Uganda; streamlines professional growth paths to increase competencies, and creates strong linkages between industry and academia by providing world-class skills certification paths.

## **REFEREES**

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| • Dr. Drake Mirembe | Lecturer, Makerere University | d.p.mirembe@gmail.com  |
| • Dr. Joab Agaba    | Lecturer, Makerere University | joab.agaba@mak.ac.ug   |
| • Mr. Shamid Mukalu | Director Operations, KEIPhone | mukalushamid@gmail.com |