Ayebare Timothy
Software Developer

Personal details

- Ayebare Timothy
- vexa256@gmail.com
- +256786190179 , +256705364148
- Kampala, Uganda Kampala
- May 31st, 1994
- Male
- Ugandan
- github.com/vexa256

Skills

GIT, Amazon Web Services , Google Cloud Console , Oracle Cloud
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Python , Java , JavaScript , PHP , Dart , GoLang , C++
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Django , Nodejs, Laravel , ReactJs, VueJs, Angular , ReactNative , Flutter
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Hibernate , TypeOrm , Eloquent , SQLObject, Prisma, Sequelize, Doctrine ORM
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MySQL, SQLite, MongoDB, SQL Server, PostgreSQL
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DevOps and DevSecOps
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Education

Bachelor of Science in Information Technology　　　　　Sep 2014 - Jul 2017
Uganda Christian University, Mukono, Uganda

Employment

Head of Software Engineering (Uganda, Rwanda, Tanzania and South Africa)　　　Jan 2019 - Present
HD Resources LTD, Kampala, Uganda

- Used PHP, Java, JavaScript, Python3, C++, HTML/CSS, and GoLang to develop large scale microservices, web and mobile applications
- Led a team of 17 software engineers from Uganda, Rwanda, Tanzania, and South Africa to design, develop and deploy numerous large scale enterprise applications
- Led projects and analyzed data to identify opportunities for improvement.
- Translated customer and system requirements into robust software design with a test-driven approach.
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
- Reviewed project specifications and design technology solutions that met or exceeded performance expectations.
- Directed gathering of performance statistics to assist in determining hardware and communication tools needed to support projected transaction volumes, response time, and system availability targets.
- Designed, coded, tested, debugged, and documented programs using agile development practices.
- Provided guidance and direction to less experienced staff in the resolution of highly complex technical problems.
- Translated application storyboards, prototypes, and requirements documents into functional applications.
- Communicated project plans, tracking details, status updates, and risk mitigation plan to a cross-functional team.
- Worked collaboratively with stakeholders to resolve technical roadblocks.
- Improved DevOps across deployment and testing strategies and application monitoring.

Senior Software Engineer　　　　　Jan 2016 - Dec 2018
Bridge Consult LTD, Kampala, Uganda

- Developed efficient and maintainable software according to business objectives and the needs of clients.
- Used Javascript, SQL, Python, PHP, and HTML/CSS to develop large scale mobile and web applications
- Used Node.js and Python to develop micro-services for the in-house software products
- Worked extensive with cloud tools like AWS, and GCP to deploy large scale applications
- Extensively utilized GIT and pipelines to automate our code version management, deployment, and update processes
- Reviewed code, debugged problems, and corrected issues.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs, and enhancements.
- Consulted with engineering team members to determine system loads and develop improvement plans.
- Maintained complex technology infrastructure and collaborated with the product team to implement new features and strategically plan for future products.

Software Development,
System administration,
Testing and bugging,
Communication,
Teamwork and
Leadership

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Languages

English   ●●●●●

Luganda   ●●●●●

Runyakitara   ●●●●●

Swahili   ●●●○○

Hobbies

■ Mountain Climbing

■ Meeting New People

■ Technology Documentaries

■ Learning New Skills

■ Computer Programming

Junior Software Engineer   **Dec 2013 - Dec 2015**
HD Resources LTD, Kampala, Uganda

- Used Java, Python, PHP, and JavaScript to develop web, desktop, and mobile applications
- Developed in-house custom software development frameworks, libraries, and kits
- Collaborated with team to analyze system solutions based on client requirements.
- Manipulated and implemented object-oriented programming models.
- Tuned and improved software source code based upon new user requirements and technical guidelines.
- Teamed with business analysts to deliver high-availability solutions for mission-critical applications.
- Evaluated project requirements and specifications and developed software applications that surpassed client expectations.
- Discussed project progress with customers, collected feedback on different stages, and directly addressed concerns.

Profile

Professional and innovative Senior Software Engineer with over 7 years of experience. Easily communicates complex technical requirements to non-technical stakeholders. Excellent leadership record of leading development teams in enterprise-wide development projects and possess an excellent understanding of various programming languages and tools like **Git, Docker, Kubernetes, AWS, GCP, Azure, Gitlab, Java, C++, SQL, HTML/CSS, JavaScript, Python, and PHP-5/7/8.**

References

Henry Mugumya Owarwo - Executive Director
HD Resouces LTD, Kampala, Uganda
+256752720757, mugumyahenry12@gmail.com

Wyclef Adams Sekirevu - Head of Product Engineering Africa
Bridge Consult LTD, Kampala, Uganda
+256 751 777788, wyclef@bridgeconsult.co.ug

Nayebare Patience - Head of Finance
Matoke Tours International (Uganda), Kampala
+256773397327, accounts@matoketours.com

Major Individual Consultancies Undertaken

2014
- Developed a management information system for the Ministry of Defense of Uganda

2015 to 2020
- **Developed and Maintained the East, Central, and Southern Africa Health Community (ECSA-HC) E-learning platform**
- **Conducted several TOTs in regards to the ECSA-HC E-learning platform in several countries**
- **Participated and contributed input to the ECSA-HC regional technical working groups**
- **Deployed software updates to the ECSA-HC E-learning platform**

2019
- **Represented ECSA-HC at the 5th East African epidemiological symposium as an expert on E-Learning systems and presented a**

concept paper.
- **Participated in the ECSA-HC regional workshop on documentation of case studies for the regional cancer registries project as a Geographical Information Systems expert**
- Developed the large-scale project management system used by the transboundary Water Affairs department of the Ministry Of Water and Environment, Uganda.

2020
- Developed the D.pharma enterprise pharmacy automation and analytics platform that is currently being used by over 10 hospitals across Uganda
- Developed and designed a large-scale data analytics platform currently used by the **Nile Basin Initiative.**

2021
- Developed and designed the large scale Management Information System used by the AFriChild Center Uganda and 6 other organizations across the country
- Developed SACCO automation software for Great Wealth Capital LTD
- Developed A Realestate management system for RealFirm Enterprises Uganda

2022
- Developed a large scale **E-learning Platform** for the **Supra-National Laboratory, Uganda (ECSA-HC Partner Organization)**