Wekesa Andrew

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Software Engineer

Object-Oriented Analysis, Design and Development and Agile

- Innovative software engineer offering at least five years of experience in the full software development lifecycle – from concept through delivery of next-generation applications and customizable solutions.
- Expert in advanced development methodologies, tools and processes contributing to the design and rollout of cutting-edge software applications.
- Known for excellent troubleshooting skills – able to analyze code and engineer well-researched, cost-effective and responsive solutions.

Professional Summary

Dedicated, responsible and detail-oriented with a valuable combination of analytical and creative abilities to improve processes and productivity. An excellent team player with strong interpersonal communication skills. Skilled in engaging with stakeholders of all levels to facilitate requirements gathering and document as-is and to-be processes. Experienced in the design, implementation of technical solutions.

I'm a passionate, optimistic person who takes up responsibilities with utmost enthusiasm to see to it that I complete my tasks and assignments in time. I've a great amount of perseverance to achieve my goal. My planned approach in things I do is what is driving me towards my success. As I strive for perfection in things, I expect the same from others as well. If things go out of control or go way out of track, I go an extra mile and contribute my efforts, in getting things done in time.

Skills

- DevOps and System Automation
- Frontend frameworks (Angular, React, Nexjs)
- Advanced problem solving skills
- Databases(Postgres, MySQL)
- API design knowledge
- Knowledge of Django Web Framework (Python)
- Engineering Ethics
- Innovative
- Knowledge of Express Web Framework (NodeJS)
- AWS(EC2, EBS, Lambda functions, RDS)
- Mobile Application (Android - Java, Kotlin, Ionic)
- Knowledge of Java/Kotlin

Work History

Software Engineer - 01/2018 to current

Fenix International Inc - Kampala, Uganda

Duties:

- Maintain FenixDB core backend in Django
- Develop hybrid mobile application in Ionic Framework
- REST API development and integration
- Version control with Git
- Writing Unit Tests
- Occasional Scrum master

Backend Engineer - 09/2017 - 12/2017

Huguso Technologies - Kampala, Uganda

- User Interface design.
- Develop and maintain core backend in Flask.
- Integrate online accounting platform(Xero) with backend.
- Deployment to Amazon Elastic Beanstalk.
- Version control with Git

Software Developer - 01/2016 to 08/2017

iConaSystems Ltd – Kampala, Uganda

Duties:

- Wrote 7 applications in Ruby On Rails MVC architecture.
- Analyzed and designed relational databases using SQL Server and MySQL.
- Maintained existing applications and designed and delivered new applications.
- Debugged and modified software components.
- Stress-tested server code to validate code changes.
- Monitored and updated back-end data by inter-communicating between Java and Ruby.
- Implemented Git for version control.
- Wrote and implemented scripts to enhance user experience and integrated scripts with the CMS.

Software Developer - 01/2014 to 11/2015

Rainbow Connection Ltd – Kampala, Uganda

Duties:

- Being first point of call for new and current clients and assessing software requirements.
- Analyzing and debugging code.
- Maintaining the stability of all live systems.
- Design and develop multi-threaded Java applications.
- Outlining and presenting specifications for all software requirements.
- Hands on development of all projects from genesis to delivery.
- Mentoring team members in development and technical progression.
- Writing multiple code and script and ensuring cross browser. compliance
- Troubleshooting and problem solving.

Junior Web Developer 02/2013 to 07/2014

Black Helix Technologies – Kampala Uganda

Duties:

- Working alongside the senior web developer to deliver optimum performance of clients' websites.
- Preparing presentations and keeping clients up to speed with the development process..
- Auditing websites and reporting any performance issues to senior developers.
- Built 4 websites using PHP.

Education

Makerere University - Kampala, Uganda   2012 - 2017

Major: Bachelor of Science: Software Engineering
Courses: Data Structures and Algorithms, Embedded Systems

Busoga College Mwiri - Jinja, Uganda   2006 - 2011

Certificate: Ordinary Level Certificate, Advanced Level Certificate
Major: Mathematics, Physics, Chemistry, Technical Drawing