

JOHN MWENDA KIARA

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GitHub <https://github.com/johnmwenda>

Web <http://johnmwenda.github.io>

Summary

A software developer with vast experience building efficient web solutions for diverse clients. By using agile principles, SCRUM and continuous integration I have successfully implemented many projects within established timelines. In addition to delivering great end products for users I am very passionate about software architecture, design and development of maintainable internal structures which can easily scale

Core Skills

I am proficient in Object Oriented PHP, JavaScript, Python, PostgreSQL, and MySQL. For frameworks I am good at Laravel, Flask, Wordpress and AngularJS. I also have experience building angular android apps using Ionic, and React Native

Work Experience

Roberts Insurance Brokers
FullStack Software Developer

October 2017 – Present

Achievements

- Designed and implemented major software enhancements to the organization's Pensions Management System, which is built using CodeIgniter. I also did lots of bug tracking and fixing.
- Optimize SQL queries to ensure the web app is not slow, eg analyzing joins
- Created SQL scripts to clean up data in MySQL
- Secured all tech infrastructure – server, web services and the data infrastructure
- Constant code refactoring to adopt good coding practices eg DRY, Object Oriented Principles,
- Build and maintain the data infrastructure of the system. Including database management, data backup and data recovery testing
- Use VueJS and jQuery to drastically improve User Interfaces and system responsiveness
- Used agile/scrum to ensure the project flows in the right direction

Healthix Solutions Kenya
Software Developer

October 2016 – March 2017

Achievements

- Coordinated and led the front end development team. I was responsible for developing standard coding styles and procedures for the team, for example I researched on the best file structure for our code base, git versioning strategies and system integration
- I was involved in numerous design discussions with the business development manager and other developers.
- I was able to do Database design discussions, security design discussions(using JWT Web tokens), system architecture discussions for scalability
- Create design and system documentation using flow charts and UML diagrams
- Rapidly develop effective and beautiful User Interfaces using AngularJS, Bootstrap and CSS
- Develop a robust build process to automate common front end tasks such as transpiling ES6 to Javascript, minification, concatenation and also auto-generation of templates and files. This greatly boosted the development time.

CrowdPesa
Software Developer

May – July 2016

Achievements

- Create a new hybrid mobile app for the already existing website. This exposed me to AngularJS and the Ionic mobile framework which is used in the development process. I was involved in requirements gathering, design, front end development and backend development. I used Code Igniter REST API as the backend of the app.
- Develop a Phone verification system using PHP. The system allows phone number to be verified by sending a code to the user and if they put the code sent the number is verified.
- Develop a client testimonial slider (module) to be added to the website. Used jQuery library

Adcare Limited Kenya
Technical Support Engineer

October 2015 – April 2016

Achievements

- Deployment, implementation and troubleshooting of computer and network operations(WAN/LAN/MPLS)
- Network monitoring, analysis and generation of reports to the clients
- Network security: install firewalls and antivirus at workstations
- Schedule periodic network/PC maintenance and activities

- Applying patches in accordance with company procedures and policies
- Training new support engineers and users on the new applications and the Amadeus network

Professional Development

- CISCO Certified – CCNA 2018
- IBM DB2 Academic Associate Certification
- Endeavour Mobile Applications Development Program, JKUAT. Android Applications development training. January to April 2014

Own Projects

- Tasks management system that allows workers to collaborate on tasks. It provides progress reports, notifications on the platform as well as email.
- JavaScript browser game - SuperMario.
- Online Bulk SMS System using Object oriented PHP and Africastalking API.
- Developed several websites using Joomla/WordPress for different organizations. You can view portfolio here: <http://johnmwenda.github.io>

Leadership/Hobbies

- Served as a Library Prefect in High School.
- Served as Organizing Secretary for the high school Christian Union
- Part of a Charity group that occasionally visits children's homes, and other charitable events
- Swimming, and also travelling.
- I have a full driving license.

Referees

1. Mr. Daniel Munyua

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2. Mugambi Felix Mwiti

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3. Mrs. Faith M. Gichovi

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