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I am in my final semester pursuing a B. Sc. in Mathematics and Computer Science in Kenyatta university, and currently working as a software engineer at gander technologies company in Nairobi. I have worked here since 2018, and truly enjoy working with a number of technologies and had the opportunity to develop my skills in the software development field. I have not only become more proficient in the languages I knew already, but have been able to add several more technologies to my tool belt as well.

Career objective
To gain confidence and skill using my potential in the field of "Web and software Development", and express my innovative creative skills for self and company growth.

Technical proficiency
HTML5, CSS, MySQL, Python flask, Angular material, React, REST, QT QML, Cloud computing (google cloud), Flutter for app development, Microsoft WPF (Windows platform). My preferred technology is usually using react alongside flask or php PDO

Work experience
Work as a web and software developer for Explore Education Africa company.
Start date: May 2017 to August 2017

Software engineer at gander technologies. Engineered the back-end business logic and gander-pay payments API as per the company demands. What I considered in the course of development was
- Easy back-end code scale-ability with minimal package updates and upgrades to cub depreciation of code and libraries.
- Smooth and instant payments gateway improving customer experience when dealing with transactions
- Creation of custom payment gateway and merchant services for gander technology geared for use within the company and its products

Achievements
- IBM application security analyst

Obtained certification and merit badge in the year 2016 and can be viewed in https://www.linkedin.com/feed/update/urn:li:activity:6239946232916205568

Skills obtained: AXF, Application scans, CSRF, Ethical hacking, Security scans, Security vulnerabilities, thread modeling, Web application security and web services.

Project experiences
Projects worked on
https://writemywork.com/
https://gander.000webhostapp.com/
https://k-schoolsystem.herokuapp.com/
https://github.com/jayisaac0/nsmsoftware-school-management-system

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Core skills
Web application programming and enterprise desktop software development.
- Python flask micro framework and web-sockets integration for back end and business logic.
- Php PDO
- React js for front-end development and know how of cross-platform development with react, material components.
- C# for windows desktop development with windows platform foundation (WPF)
- QT for cross platform user interface designing

Other skills
Unity game development programming with detailed 3D world models environment assets and physics.

Professional Areas of Interest

There are many things in the field of Computer Science that interest me. I feel as though there are far too many things to learn, and I am not ready to limit myself as to what specifically I would like to work on. I do have some specific interests however. Desktop development, web-app development, mobile development, and video game software are all very appealing to me. These areas often draw upon the latest technologies in Computer Science to remain competitive, and I feel like these areas would not only be enjoyable to work in, but they would allow me to grow as a software engineer.

Education
Bachelor of science Mathematics and computer science Kenyatta university
Start date: 2015 to present: currently Final year.

Activities

Recommendations
Gander technologies

Referees

DR. John Kandiri Kenyatta University School of Engineering and technology
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