

Joshua Isaac  
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Experienced Software Developer adept in bringing forth expertise in design, installation, testing and maintenance of software systems. Equipped with a diverse and promising skill-set. Proficient in various platforms, languages, and embedded systems. Experienced with the latest cutting edge development tools and procedures. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

### **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**

<b>BACK-END</b>	<b>FRONT-END</b>	<b>SOFTWARE</b>	<b>CLOUD</b>	<b>DATABASES</b>
<ul style="list-style-type: none"><li>• Node JS</li><li>• Flask</li></ul>	<ul style="list-style-type: none"><li>• React JS</li><li>• Angular</li></ul>	<ul style="list-style-type: none"><li>• C #</li><li>• Flutter</li></ul>	<ul style="list-style-type: none"><li>• GCP</li></ul>	<ul style="list-style-type: none"><li>• PostgresSql</li><li>• MongoDB</li></ul>

### **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 curb 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.

Worked as a back-end engineer for in house products in gander technologies limited company.

- Created the UX/UI of the company site using material lite and JavaScript.
- Developed initially with PDO back-end which I later transitioned the technology to node js API.
- PayPal and mpesa payment integration for gander technologies.

## **Achievements and certifications**

- IBM application security analyst – Cyber security  
Obtained certification and merit badge in the year 2016 and can be viewed in <https://www.linkedin.com/feed/update/urn:li:activity:6239946232916205568>
- <https://www.udemy.com/certificate/UC-JI1ZFYRU/>

## **Project experiences**

Projects worked on

Gander company site: <http://gandertechs.co.ke/>

K-school system: <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.

- Node js and web-sockets integration for back end and business logic.
- Python flask restful api    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.

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## **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

## **Activities, interests and hobbies**

I was a scouts patrol commander from the year 2005 to 2013 and have lead my team to national competitions two times and student leader for four years in high school and took on minor leadership roles in university.

Hobbies: Script writing, gaming, playing piano, coding, watching documentaries.

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### **Referees**

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