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## HENRY NKUKE

### CAREER OBJECTIVE

I am a self-motivated and hardworking software developer with a bachelor's degree in computer science and statistics with 5 years of practice. Am so enthusiastic about skills development and project accomplishment. I still seek to acquire more of the most efficient techniques of problem solving and opportunities of participating in crafting change-causing enterprise solutions.

### SKILLS & ABILITIES

**Operating Systems:** Windows, Windows-Server, MAC, Linux variants.

**Programming languages & frameworks:** Java, PHP, HTML, Angular, C#, Android, React js, Lua, Kxml, Kotlin, Ionic, CSS and Python

**Database and Client/Server Technologies:**

MSSQL, MySQL, Apache, Express, Tomcat and MS SQL

**Others:** Docker, Kubernetes, Git, Apache Camel, Wordpress, Opencart, Code Igniter, MS office, NetBeans, Visual studio, Stata, SPSS, Epidata, Adobe design tools, Laravel, Public Key Infrastructure (PKI), JBOSS fuse, Onsen UI, Flutter, Redis, Docker, etc

**Languages:** English, Luganda, Runyankole/Rukiga, Kiswahili

### KEY PROJECTS

(Most recent)

**Merchant powered payment system (Yoya Consult Uganda) 2020 - 2021.**

Developed a full payments system with an API backend, REST API and a mobile app. The backend involved integrating to three third party APIs, implementing a merchant wallet system, reporting features, and securely allowing incoming merchant transactions.

**Similar solutions (to this) have been implemented for two other clients.**

**Agency Banking app (Interswitch Uganda) 2018 - 2022.**

Led the development of an agency banking app to power Stanbic agency and DFCU agency under Interswitch Uganda. The project including paying attention to merchant user-friendliness, secure transactions, and compliance to strict internal security policies. I also worked on several backend components (at API level) that interact with the app.

I am still responsible for maintaining this project for two high traffic banks.

### **Agency Banking Integrations (Interswitch Uganda) 2018 - 2022.**

Integrated to several bank APIs for agency banking implementations at Interswitch, I was finally assigned responsibility over new implementations and improvements for one of the banks. I have run all changes and improvements for two and a half years now.

### **Attendance Management solution (Consultant, MoH)**

I was responsible for designing scheduling and attendance reporting workflows for this solution as per requirements from ministry of health. This involved writing complex logic to handle and transform data from IHRIS system and build several custom components to suit even the most basic user of the system.

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## **EXPERIENCE**

### **March/2022 – Present: Co-founder & CTO , Splint Investments**

- Heading development and innovation activities
- Solutions design and development
- Partner technical Liasson and Systems Integration
- Database development and maintenance and monitoring
- Application security analysis, enhancement

### **Aug/2018 – Feb 2022: Application Developer, Interswitch East Africa**

- Mobile App development (Hybrid & native)
- Systems Analysis, design, and development
- Enterprise Systems Integration
- Database development and maintenance
- API development, maintenance, and integrations support (SOAP & RESTFUL)
- POS terminal programming
- Internal systems development and maintenance
- Application security enhancement and evaluation

### **Dec/2017 – Aug/2018: Freelance IT Support and systems Developer**

- Mobile App development (Hybrid & native)
- Website development and hosting
- Systems development and support
- General IT support & consultancy

### **Feb/2016 – Dec/2017: Systems Admin, Megha Industries (U) Ltd**

- Implemented an internal printer supplies refill system that replaced out-sourcing, cutting down printing costs by 70%.
- Setting up new workstations.

Performing periodic software and hardware monitoring.  
 Printer configuration and maintenance.  
 General network administration (Linux as the core).  
 User support and training (software and hardware usage guidance)  
 Systems security analysis  
 The above tasks were carried out for Six different office locations.

**May/2014–Aug/2014**

**Statistics Internee, Bukomansimbi District Planning Unit**

Data Entry, Analysis, and dissemination

**May/2013–Aug/2013**

**Teaching Assistant, Queen of Apostles Academy, Kabale, Uganda**

Teaching Mathematics and Computer Literacy to students from S.4 to S.6  
 Maintaining the computer lab by installing needed software, regulating use and ensuring safety.

**Jan/2012-Aug/2012**

**Librarian, Queen of Apostles Academy, Kabale, Uganda**

Took responsibility of managing book circulation, maintaining library cleanliness and accessibility.

Taught Physics and Computer studies to students in S.5 and S.6.

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**EDUCATION**

<b>Institution</b>	<b>Award</b>	<b>Period</b>
Uganda Martyrs University	Bachelor of Science (Computer science and statistics)	2012-2015
Uganda Advanced certificate of education (UACE)	UACE	2010-2011
Uganda certificate of education (UCE)	UCE	2006-2009
Primary Leaving Examinations	PLE	1997-2005

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## LEADERSHIP

### **Co-founder, Splint Investments (U) Limited**

**Period:** Feb 2022 April-Present

**Responsibilities:**

Managing the agent recruitment team.

Partner liaison

Financial projection, planning and monitoring

Product improvement and innovation

### **Uganda Martyrs University Computer society**

**President Period:** November 2014 –April, 2015

**Responsibilities:**

Organizing software development, installation and user training sessions (both statistical and generic computing)

Organizing and chairing Computer society meetings, software development committees.

Leading outreach programs to nearby schools.

### **Uganda Martyrs University Computer Society Legal Advisor**

**Period:** April 2015 – Jan 2016

**Responsibilities:** Reviewing society plans and providing advice.

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## REFERENCES

### **Mr. Denis Kagimu, Interswitch E.A, Head of Applications Dept.**

denis.kagimu@interswitchgroup.com / 0706-974-321

### **Mr. Agaba Andrew, Ministry of Health Systems Developer**

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### **Mr. Robert Ssebakijje, Yoya Consult**

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### **Ms. Tiragana Audes, Assistant Registrar, UMU, Nkozi**

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