

PERFAIT AKAKA SHISOKA

Full-stack developer

Personal website: <http://akaka.netlify.app/>

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WORK EXPERIENCE

- June 2020 – July 2020 – Internship at County Government of Kakamega.
The county government of Kakamega has a very active ICT department. I worked as an assistant to the web and network administrators.

Achievements

- Reduced downtime by 50% through active configuration and troubleshooting of the network.
- Increased IT user support by 20% to other departments that might have experienced technical issues by putting up a help desk system on the county's website.
- Formulated the Bill of Quantity for a network installation at Bukhungu Stadium.
- Kept the Kakamega County's Inventories and the Ministry of Health's daily financial reports 100% up to date by doing regular data entry.
- Increased user experience on the county government's website immensely through maintenance by debugging, adding features and enhancing user experience.
- Increased efficiency in the Kenya EMR project by assessing network quality in the health facilities within Kakamega County.

PERSONAL PROJECTS

- E-Commerce system - This is a system like AliExpress. It was my school project which I worked on for three months. I built it using HTML, PHP and CSS with bootstrap.
- Blog project – I created a blog website using the PHP framework, code igniter. It uses the MVC model to enable users to create posts, delete them, edit and other functionalities.
- League table project – I used PHP to create a system that enables a user to create a league (like the English premiere league). It enables the user to add teams, update scores then display the results and other in-depth statistics on a league table. Everything is pulled from the database.
- Business website – I used HTML, CSS with bootstrap and JavaScript to create an aesthetic website for a business.
- Book Management system - I built a simple book management system to fully understand CRUD operations in PHP.
- Portfolio project - I created my portfolio website using HTML, CSS with bootstrap and JavaScript.
- Meal management system - It is a system made in java that should be used in a school restaurant for accounting and managing orders.
- Webchat site - I created a small feature on a website that enables two different users to chat. I used PHP.

EDUCATION AND CERTIFICATES

Bachelor of Computer Science
Africa Nazarene International University

Sept 2017 – July 2021
GPA 3.438

Certifications

- Cisco Networking Academy Modules on hardware and software practicum and networking with packet tracer.
- Python certification from Udemy
- Applied computer graphics certification from the University of Tokyo.
- Initiating and planning projects from the University of California Irvine.
- Budgeting and scheduling projects from the University of California Irvine.
- IoT with Engineering crash course at Laxmi Institute of Technology.

TECHNICAL SKILLS

- Software development (two years' personal experience) – Conversant with Java, Python, PHP, HTML, SQL, CSS (with Bootstrap library) and JavaScript
- Software testing and integration.
- Database – MySQL and MongoDB
- Networking
- User manual creation.
- Fluent in English and Swahili languages, both written and oral.

AWARDS/ACHIEVEMENTS

- 2018, 2019 and 2020 – Got honor's awards alongside 150 other students for being among the top achievers in my university with GPAs of 3.377, 3.555 and 3.586 respectively.
- 2016 – Captained my high school team to the county levels in the KSSSA soccer competition.
- 2014, 2015 and 2016 – Went to represent Kenya in Turkey, Germany, Belgium and Australia respectively for the annual International Festival for Language and Culture (IFLC). We finished 2nd globally in Turkey.
- 2012 – I was the Sixth Student and the first boy in my school in the KCPE examinations.

REFEREES

Name Pauline Njeru.

Position: Assistant dean of students/sports director at Africa Nazarene University.

Phone number: 0722792384

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Name Samuel Wetungu.

Position: Director of ICT in the county government of Kakamega.

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Name Mustapha Kiran.

Position: Senior teacher at Light Academy Boy's Secondary school Nairobi.

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