

EDWIN GATHUA MUTURI

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CAREER OBJECTIVE

To develop my skills in an institution that offers both a challenge as well as an opportunity for personal initiative and career advancement, leading up to a position of responsibility as a result of giving service with remarkable performance.

KEY QUALIFICATIONS

- In-depth knowledge on Software Development and the Software Development Life Cycle using programming languages such as C++, Java and Android.
- Basic Knowledge on Web Development using programming languages such as JavaScript, Node.js and Vue.
- Basic knowledge on Website and Application Design using Figma.
- In-depth knowledge on using Content Management Systems such as WordPress and Joomla.
- Outstanding organizational and time management skills.
- Excellent written and verbal communication skills in both English and Kiswahili

EDUCATION

B.Sc. in Computer Science 2015-2020
Moi University, Eldoret, Kenya.

Honors: Second Class Honors – Upper Division

Relevant Coursework: Database Systems, Object-Oriented Programming, Information Systems Security, Java Programming, Computer Organization & Architecture, Algorithms, Data Structures, C++, Operating Systems & Networks, Digital System Design, Simulation & Modelling, Human-Computer Interface Design, Software Engineering and User Interface Design.

Kenya Certificate of Secondary Education 2011-2014
Kagumo High School

WORK EXPERIENCE

Company: **Kenya Revenue Authority**
Position: **Software Development Intern**
Period: **November 2021 – Present**

- Analysis of user requirements, procedures and problems to develop software systems and solutions.
- Maintaining and refactoring legacy codebase using Spring MVC, Spring Boot
- Defining data structure layout and data flow model in order to provide specifications for Software Development.
- Implementing user designs using CSS3, HTML5, and JavaScript
- Writing and optimizing SQL statements
- Profile server resource usage, optimize and tweak as necessary using MySQL
- Sort, filter and query data using Microsoft Excel.
- Participated in gathering and analysis of business requirements
- Participated in verification of data in Oracle Database.

Soft Skills

- Adaptable
- Teamwork
- Leadership
- Strong Work Ethic
- Creativity
- Fast Learner
- Driven
- Collaboration

Hard Skills

- JavaScript
- Java
- Node.js
- XML/ HTML
- CSS
- SASS
- React
- SQL
- Spring
- Gatsby
- WordPress
- Figma
- Git
- Database Applications
- Relational Databases (MySQL)
- REST APIs
- Maven

Tools

- Microsoft Office
- VS Code
- Joomla
- Eclipse
- WordPress
- Netlify
- GitHub
- Android Studio
- TeamViewer
- Figma
- MySQL Workbench

- Developing data collections screens and databases in accordance with the design documents in order to meet functional requirements.
- Peer engineer training and pair programming
- Working with product managers, business analysts, and quality assurance
- Preparing technical documentation
- Creating security and data protection settings
- Conducting system demos and walk-throughs
- Troubleshooting, debugging and upgrading software

Company: **Dira HR Solutions**

Position: **IT/ Software Development Intern**

Period: **August 2020 – February 2021**

- Actively participate in the Software Development projects such as recruitment software using JavaScript, HTML5, CSS3 and React.
- Testing and improving the website design.
- Designing and installing security precautions to prevent any harmful action against the website.
- Carry out Search Engine Optimization (**SEO**) through creation of relevant content using relevant keywords to improve web traffic and ranking on all search engines.
- Creating and editing website content such as relevant job content, blog posts, advertisements and Graphics.
- Monitoring website performance and results, identifying and evaluating improvement options.
- Ensure website content is up-to-date and well-maintained regularly.
- Provide support to the marketing team as needed.
- Integrate software components into a fully functional software system.
- Evaluating code to ensure it meets industry standards, is valid, is properly structured and, is compatible with browsers, operating systems and various devices.
- Follow through on engineering quality assurance procedures.
- Any duties assigned from time to time.

Company: **AIESEC in Moi University (AIM)**

Position: **Vice President – University & Alumni Relations**

Period: **February 2020 – February 2021**

- Lead a team of about five members and track their growth and productivity throughout the year.
- Attract, create build and maintain partnerships with the University administration through the different products and platforms provided by the organization.
- Establish and maintain contacts with the different departments in the different schools within the university.
- Build and maintain relations with the AIESEC in Moi University Alumni and members of the Board of Advisors (**BOA**)
- Set up clear structures for leadership development for the Engage with AIESEC (**EwA**) members, that is, members who lack an active role within the organization.
- Synergize with the VP Talent Management to track the growth and productivity of the EwA members.
- Receive the Exchange Participants (**EPs**) who have gone for exchange and organize their re-integration into the university.
- Write and send reports to the President, Alumni and the Board of Advisors concerning the team and the activities we have engaged in throughout the year.

Company: **Kirinyaga University**

Position: **IT Support**

Period: **January 2020 - May 2020**

- Installing and configuring computer hardware, software, systems, networks, printers etc.
- Assisted in maintaining and managing ICT infrastructure systems including WAN applications
- Provide technical support to staff in relation to PC hardware, software and associated peripherals by investigating, diagnosing and solving computer software and hardware faults
- Creating and configuration of new user accounts and mails for the students
- Maintaining software licenses records and communicating expiry dates to relevant officials.
- Assisting in the compilation and maintenance of an accurate inventory of hardware and software.
- Planning and undertaking routine maintenance of computers and systems upgrades

Company: **Kenya Wildlife Service**

Position: **IT Attaché**

Period: **January 2019 – April 2019**

- Support the IT team in maintaining hardware, software, and other systems.
- Assist with troubleshooting issues and provide technical support.
- Organize and maintain IT resources
- Lend IT support in areas such as cybersecurity, programming, analytics and database management.
- Handle periodic maintenance of hardware and software.
- Lay cables and wires for networks and ensure that they are in good condition.
- Take telephone calls from organization staff and assist the with their IT questions and problems.

PROJECTS

FarmDoc Android Application | Developer

Ongoing

Description: This is an android application which connects farmers to veterinary services to help them diagnose and treat their animals without having to visit a veterinary facility which are scarce.

- Designed the layout and appearance of the application.
- Developing the application using Android studio in a team of five people, majorly focusing on the functionalities addressed in the requirements analysis.

Using: Android, Java and XML.

Tools: Android Studio.

ACTIVITIES & HOBBIES

- Avid book reader – I enjoy reading fiction and non-fiction books.
- Playing chess – helps keep the mind sharp.
- Travelling
- Reading blogs – blogs about technology & lifestyle
- Listening to music
- Playing musical instruments – I am a novice piano player.
- As a member of AIESEC in Kenya, I advocate for cultural interaction through international exchange programs.

COMMUNITY & SOCIAL WORK

- Member of Kenya Red Cross Society (2015 to present)
- Participated in Community clean-ups and Children's Home visits with AIESEC in Moi University in Eldoret.

REFEREES

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