

**Hilary Ngige Adala**  
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**Thika, B.A.T Kenya**

### **Personal profile:**

My name is Hilary Ngige an enthusiastic IT professional with a good track record of software development, network design & configuration, and database management. I have robust technical skills, including proficiency in programming languages such as PHP, JavaScript, and Java, as well as web development using HTML, CSS, and the Laravel framework. With experience in deploying applications on Amazon Web Services (AWS) and managing infrastructure, I have a solid understanding of cloud computing.

I did my Diploma in computer science at Zetech University from 2018 – 2019 and passed with a Credit.

In addition to my technical expertise, I possess excellent interpersonal skills that enable me to effectively communicate and collaborate with colleagues and clients. I am eager and ready to take on new challenges to further develop and

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grow my IT skills. With a strong work ethic and attention to detail, I am dedicated to delivering high-quality results and contributing to the success of the organization I work for.

### **Experience:**

**Ladybird Softech Co, Nairobi (Ke) - Remote:** | April 2022 - March 2023 |

**Role:** Full stack Software Developer (Senior)

#### **Duties and responsibilities:**

- **Requirement Analysis:** Collaborating with stakeholders, such as school administrators and staff, to gather and understand the specific requirements and functionalities needed for the system.
- **System Design:** Designing the overall architecture and database structure of the school management system, ensuring scalability, efficiency, and data integrity.
- **Frontend Development:** Implementing the user interface of the system, including designing and coding the web pages, forms, and interactive components using HTML, CSS, and JavaScript.
- **Backend Development:** Building the core functionality of the system, including student and staff management, attendance tracking, timetabling, grade management, communication features, and other relevant modules using PHP or any suitable backend language.
- **Database Development:** Creating the database schema, tables, and relationships necessary for storing and retrieving school-related data using MySQL or a similar database management system.
- **Integration and APIs:** Integrating the system with external services, such as payment gateways, SMS gateways, or other relevant APIs to enhance the functionality and user experience.
- **Testing and Debugging:** Conducting thorough testing of the system to identify and fix any bugs, errors, or usability issues, ensuring the system functions smoothly and meets the specified requirements.
- **Documentation:** Creating detailed documentation, including user manuals and technical specifications, to assist users and other developers in understanding the system's functionalities and implementation.
- **Maintenance and Support:** Providing ongoing maintenance and support for the system, addressing any user queries, fixing issues, and implementing updates or enhancements as needed.
- **Collaboration and Communication:** Collaborating with the project team, including designers, project managers, and other stakeholders, to ensure effective communication, timely delivery, and alignment with project goals.

**Hypbits Enterprise, Mombasa (Ke) - Remote:** | December 2021 - March 2022 |

**Role:** Full stack Software Developer (Junior)

**Duties and responsibilities:**

- Developed Hypbits Billing System, an online billing system that automates client activation and deactivation for internet service subscribers.
- Utilized PHP, JavaScript, Java, HTML, CSS, and Laravel framework to develop the applications.
- Assisted in troubleshooting and resolving software defects.
- Participated in the full software development life cycle, including requirements gathering, design, coding, testing, and deployment.

**Grace College, Busia:** (2020 - 2021)

**Role:** Lecturer (Information Technology)

**Duties and responsibilities:**

- Developed and implemented Ladybird School Management System, an integrated system that automates day-to-day operations of schools, including record keeping, payment automation, bulk SMS, and report generation.
- Prepared and delivered lectures on information technology topics.
- Conducted assessments and provided feedback to students.
- Engaged in academic research to enhance teaching and learning practices.

**The National treasury:** | 2019 September – 2019 December |

**Role:** ICT attaché

**Duties and responsibilities:**

- Network cables crimping, network configuration and network troubleshooting
- Help in managing the Pension Management information system database system
- Assisted in database management using SQL, ensuring data integrity and efficient data retrieval.
- Conducted data analysis and report generation using spreadsheet software.
- Conducted research on financial regulations and policies.
- Supported team members with administrative tasks.

**Core skills:**

During my time of study and jobs done I was able to acquire some skills:

- Programming languages: PHP, JavaScript, Java
- Web development: HTML, CSS, Laravel framework
- Database management: SQL
- Cloud Computing: Amazon Web Services (AWS) - proficient in deploying applications and managing infrastructure

- Network administration and troubleshooting
- Technical support and problem-solving
- Strong knowledge of computer hardware and software
- Excellent communication and interpersonal skills
- Attention to detail and strong organizational skills
- Ability to work independently and collaboratively in a team

### **Personal Interest:**

- Programming.
- Singing
- Volunteer work

### **References:**

Mr. Joseph Gathure

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