

## **CURRICULUM VITAE**

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### **PROFILE**

I am an outgoing and articulate individual currently pursuing a Bachelor's Degree in Computer Science. My academic journey has been marked by leadership and academic excellence, demonstrated through positive achievements and contributions in various roles. My eloquence and objectivity have been key to my success.

My continuous interaction with computer education has equipped me with substantial knowledge and practical skills in software development. I am seeking a position that offers professional challenges, allowing me to utilize my interpersonal skills, excellent time management, and problem-solving abilities.

### **EDUCATION**

2021 – PRESENT	Bachelor's Degree in Computer Science Kabarak University - Kabarak
2017 – 2020	Kenya certificate of Secondary Education Maseno School – Maseno
2009 – 2016	Kenya Certificate of Primary Education Mumias Central Primary School – Mumias

## **WORK EXPERIENCE**

### **PROJECTS**

#### **Fairwind Holdings - Corporate Website Development**

- Collaborated in the design and development of a modern, responsive corporate website using PostgreSQL, Next.js, and React.
- Created a streamlined user experience with high responsiveness and optimized performance, enhancing visitor engagement and site speed.
- Integrated efficient data management and dynamic content capabilities, leveraging PostgreSQL's robust database solutions and React's component-based architecture.
- Implemented custom features for seamless content updates, contributing to a smooth and reliable platform for client engagement and corporate visibility.

#### **The Bonnie Computer Hub (BCH)**

##### **Bonnie Computer Hub (BCH) - Learning Management System**

- Developed a robust Laravel-based LMS platform, providing a user-friendly interface for teachers and students.
- Utilized PHP, MySQL, HTML, CSS, and JavaScript to create a scalable and efficient application.
- Implemented features for assignment management, quizzes, and progress tracking, leveraging Laravel's Eloquent ORM for data management.
- Designed and implemented a system for creating customized assignments and announcements, taking advantage of Laravel's routing and controller system.
- Contributed to the development of real-time progress monitoring and analytics tools using Laravel's event broadcasting and frontend frameworks.

## **Attachment Allocation System**

- Built a web-based platform to connect students with potential employers.
- Developed secure user authentication and registration modules.
- Implemented features for students to search for attachments and employers to post opportunities.

For more projects, please visit my Github profile <https://github.com/OnyangoOdipo>

## **Hard Skills**

### **JavaScript**

- Proficient in modern JavaScript with strong foundations in syntax, functions, and async programming.
- Experienced in building responsive, interactive user interfaces with clean, maintainable code.
- Applied JavaScript extensively in developing 'Fairwind Holdings' to enhance UI interactivity and user experience.

### **Next.js**

- Hands-on experience with Next.js, including static and server-side rendering for SEO-optimized applications.
- Familiar with Next.js API routes, dynamic routing, and custom server configuration.
- Developed scalable applications using Next.js to improve performance and page load speed in real-world projects.

### **React**

- Skilled in building dynamic, component-based applications using React's declarative approach.
- Proficient in hooks (useState, useEffect, etc.) and managing state effectively for responsive UIs.
- Contributed to real-time functionality in projects through React's efficient rendering and component lifecycle.

### **PHP**

- Strong understanding of PHP syntax and best practices.
- Ability to write clean and efficient PHP code.

- Actively participated in building ‘ATTACHOPAP!’, a system whose aim is to ease the attachment seeking process especially in Kenyan universities

### **Laravel Framework**

- Experience with Laravel, including building applications, using Eloquent ORM, managing migrations.
- Knowledge of Laravel features such as Blade templating, middleware, and service providers.
- I have experience working with Filament PHP, which blends in with Laravel to make Admin panels streamlining the development process.

### **Database Management**

- Proficient in PostgreSQL and MySQL, including database design, writing complex queries, and optimizing database performance.
- Experience with database migrations and seeding in Laravel.

### **Front-End Technologies**

- Familiarity with HTML, CSS and JavaScript for creating responsive and dynamic user interfaces.
- Ability to integrate front-end components with PHP and Laravel back-end.

### **Version Control with Git**

- Experience using Git for version control, including branching, merging, and collaborating on projects using platforms like GitHub.

### **Soft Skills**

#### **Problem-Solving**

Strong analytical skills to identify issues, debug code, and develop effective solutions.

Ability to approach complex problems methodically and think creatively to resolve them.

## **Communication**

Excellent written and verbal communication skills to collaborate with team members, present ideas clearly, and document code effectively.

Ability to explain technical concepts to non-technical stakeholders.

## **Adaptability**

Willingness to learn new technologies and frameworks as needed.

Ability to quickly adapt to changing project requirements and priorities.

## **Attention to Detail**

Strong focus on writing clean, maintainable code and thorough testing to ensure high-quality deliverables.

Meticulous in code review and debugging processes to avoid errors.

## **Team Collaboration**

Ability to work effectively both independently and as part of a team, contributing to a positive and productive work environment.

## **REFEREES**

1. Geoffrey Audia

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2. Bonface Onduso

Director, Bonnie Computer Hub

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