



Alusine Sillah : Web Developer & IT Solution Specialist | Educator

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PERSONAL DETAILS

- Date of Birth : 28/04/1993
- Nationality : Sierra Leonean
- Language Spoken : English(Fluent),Krio and Mandingo/Madinka

OBJECTIVES

A highly motivated and solutions-focused Web Developer with a solid academic foundation in Social Work from Fourah Bay College, University of Sierra Leone, and practical teaching experience. Over the past 10 months, I have engaged in intensive, self-directed learning to master web development technologies, culminating in the successful creation of a fully functional, database-driven school portal currently deployed and running on InfinityFree. My unique background combines the empathy, communication skills, and community understanding gained from my Social Work degree with the technical rigor of programming. My current role as an educator at Muhammad Yadalieu English and Arabic School has further strengthened my ability to understand user needs, communicate complex ideas clearly, and manage multiple responsibilities effectively. I am now seeking an opportunity to transition into the technology sector in The Gambia, where I can apply this rare blend of human-centered understanding and technical capability to support the IT infrastructure, digital transformation, and operational efficiency of forward-thinking organizations. I am a fast learner, proficient in leveraging modern AI tools (DeepSeek, ChatGPT) to accelerate development, solve problems, and deliver results.

SKILLS

• TECHNICAL DEVELOPMENT SKILLS

Frontend Development

Proficient in HTML5 for structure, CSS3 for responsive styling and layout, and JavaScript for implementing basic client-side interactivity and form validation. I prioritize creating clean, user-friendly interfaces.

Backend Development:

Skilled in PHP for building dynamic web applications. Experience includes creating secure user authentication systems (login/session management), processing form data, and generating dynamic page content based on user interaction.

Database Management:

Competent in MySQL for relational database design, writing queries to insert, retrieve, update, and delete data, and effectively integrating databases with PHP backend logic to power data-driven web applications.

Development & Deployment Tools:

Familiar with VS Code as a primary coding environment. Currently learning and implementing Git & GitHub for version control to manage code professionally. Experienced in deploying live websites to remote servers using cPanel-based hosting (InfinityFree).

AI-Augmented Development:

Proactively use AI tools like DeepSeek and ChatGPT as learning accelerators and coding assistants. This includes debugging complex errors, understanding new programming concepts, generating code snippets, and optimizing workflows—demonstrating modern, efficient problem-solving methods.

• PROFESSIONAL & TRANSFERABLE SKILLS

Communication:

Clear verbal and written communication; ability to explain technical concepts to non-technical stakeholders; report writing; presentation skills.

Problem-Solving :

Analytical thinking; systematic debugging; resourcefulness in finding solutions; logical reasoning.

Project Management :

Self-directed project execution; meeting deadlines; resource allocation; task prioritization.

Interpersonal :

Empathy; patience; active listening; collaboration; team player.

Community & Client Understanding :

Needs assessment (from Social Work background); understanding of community dynamics; client-centered approach.

Teaching & Mentoring :

Curriculum delivery; lesson planning; student assessment; patience in explaining concepts (from current teaching role)

Adaptability :
Quick learner; comfortable with new technologies; ability to work in diverse environments.

Time Management :
Balancing full-time teaching with intensive self-study; meeting project milestones

PROJECTS

• COMPREHENSIVE SCHOOL PORTAL

Live Online | Built with: PHP | MySQL | JavaScript | HTML5 | CSS3
Project Link: <https://myeas-school-portal.kesug.com>

This flagship project represents the culmination of my first year of intensive web development study. It is a fully functional, database-driven web application designed to streamline core administrative tasks for a educational institution. Building this system end-to-end provided invaluable hands-on experience with the entire web development lifecycle, from initial concept and database design to coding, testing, and live deployment.

Project Objectives:

- To create a centralized, digital system for managing student records.
- To implement role-based access for school staff (e.g., Admin, Teacher), parents and students.
- To demonstrate the practical integration of frontend user interfaces with a backend database.

Key Modules Developed & Functionality:

1. Secure User Authentication System:
 - Developed a login portal using PHP sessions to differentiate between administrator, teacher, parent and student access levels.
 - Implemented basic security considerations for password handling and session management to protect user data.
2. Student Database Management:
 - Designed a normalized MySQL database schema to store comprehensive student information (personal details, enrollment data, guardian contacts).
 - Built PHP-based admin interfaces to:
 - Add New Students: A secure form to input new student records into the database.
 - View Student List: Dynamically generate HTML tables to display all current students from the database.
 - Update & Delete Records: Functionality to edit existing student information or remove records as needed, demonstrating full CRUD (Create, Read, Update, Delete) operations.
3. Dynamic User Interface:
 - Utilized HTML5 and CSS3 to build a clean, functional, and responsive interface that is usable on both desktop computers and mobile devices.
 - Employed embedded PHP logic within HTML templates to dynamically display content based on user login status and database queries.

Challenges Overcome & Lessons Learned:

- Debugging Logic Errors: Faced challenges in correctly linking PHP session variables to database queries. Overcame these through systematic testing, reviewing error logs, and using AI tools to identify logical flaws in code structure.
- Database Connection Management: Learned best practices for efficiently and securely connecting PHP scripts to the MySQL database to prevent errors and optimize performance.
- Project Persistence: The most significant challenge was maintaining momentum and focus over several months. Successfully completing this project demonstrates strong self-motivation and the ability to see a complex task through to the finish.

Project Outcome:

A live, functional web application that serves as a tangible, demonstrable proof of my full-stack development capabilities. It is the centerpiece of my portfolio and a testament to my ability to learn complex technical skills independently and apply them to create a real-world product.

EXPERIENCES

• Muhammad Yadalieu English and Arabic School

2023 - Present

Senior Teacher

Key Responsibilities:

- Plan and deliver engaging lessons to students according to the school curriculum
- Develop teaching materials and resources to enhance student learning
- Assess and evaluate student progress through tests, assignments, and examinations
- Maintain accurate student records and attendance registers
- Communicate with parents regarding student performance and development
- Collaborate with fellow teachers to improve teaching methodologies
- Participate in staff meetings and professional development activities
- Manage classroom behavior and create a positive learning environment

Achievements:

- Successfully integrated basic computer literacy concepts into lessons, introducing students to fundamental digital skills
- Developed a simplified approach to teaching complex topics, improving student comprehension rates
- Maintained excellent attendance and positive feedback from parents and school administration
- Assisted the school administration with basic record-keeping using digital tools
- Bridged the gap between traditional teaching methods and modern educational approaches

Skills Gained/Enhanced:

- Clear communication and presentation abilities
- Patience and empathy in dealing with learners at different levels
- Lesson planning and curriculum development
- Record keeping and data management
- Time management and punctuality
- Working within an organizational structure
- Understanding educational systems and administrative needs

- **INDEPENDENT WEB DEVELOPER (Self-taught)**

2025 - Current

Self-directed learning and project development

Overview:

Intensive self-study program focused on acquiring modern web development skills through online resources, practical projects, and AI-assisted learning. Dedicated 10+ hours weekly to learning and building, alongside full-time teaching responsibilities.

Learning Journey:

Period : Months 1-2

Focus Area : HTML, CSS, JavaScript

Resources Used : Basics FreeCodeCamp, W3Schools, YouTube Tutorials

Key Achievements : Built first static web pages; understood DOM manipulation; created responsive layouts

Period : Months 3-4

Focus Areas : PHP Fundamentals

Resources used : PHP.net documentation, online courses, AI assistance

Key Achievements : Learned syntax, forms handling, superglobals; built simple dynamic pages

Period: Months 5-6

Focus Areas: MySQL Database Integration

Resources used: Database tutorials, YouTube, practice exercises

Key Achievements: Designed databases; wrote complex queries; connected PHP to MySQL

Period: Months 7-8

Focus Areas : Full-Stack Project Development

Resources used : Documentation, AI tools (DeepSeek, ChatGPT), Stack Overflow

Key Achievements : Started building school portal; integrated frontend and backend

Period : Months 9-10

Focus Areas: Advanced Features, Debugging, Deployment

Resource used: Debugging tools, hosting guides, community forums

Key Achievements : Completed core features; deployed live application to InfinityFree

Key Learning Outcomes:

- Mastered the fundamentals of web development through consistent practice
- Developed ability to learn new technologies independently
- Built resilience in troubleshooting and debugging complex issues
- Learned to effectively use AI tools as learning and development aids
- Gained confidence in taking projects from concept to completion
- Understood the importance of clean code and documentation

Projects Completed:

- School Portal (Full CRUD application with user authentication)

You can try the website application. Below is the link :

<https://myeas-school-portal.kesug.com>

- **DON BOSCO FAMBUL (Child Protective Agency) SIERRA LEONE**

2018 - 2018

SOCIAL WORK INTERN

Worked as a social worker who was involved in multiple case management, ranging from cancelling, psycho-therapy, family - tracing, education, rehabilitation and reunification of clients.

- **BACHELOR OF SCIENCE IN SOCIAL WORK**

Fourah Bay College, University of Sierra Leone | Sierra Leone
Graduated: 2017/2018

Relevant Coursework:

- Introduction to Sociology
- Psychology
- Community Development
- Social Research Methods
- Counseling Skills
- Social Policy and Administration
- Human Behavior in Social Environment
- Social Work Practice with Individuals and Families
- Research Project/Dissertation

Key Academic Achievements:

- Successfully completed all degree requirements with satisfactory performance
- Developed strong research and analytical skills through dissertation work
- Gained understanding of community needs assessment methodologies
- Learned ethical principles applicable to working with people and organizations
- Participated in [any university societies, sports, or extracurricular activities]

How This Degree Supports My Tech Career:

- Understanding People: Social work taught me to listen, understand perspectives, and communicate effectively - essential skills for gathering client requirements and user-centered design.
- Analytical Thinking: Research methods and data analysis training directly apply to logical thinking required in programming.
- Ethical Framework: Understanding confidentiality, consent, and ethical practice is crucial when handling user data.
- System Thinking: Social work views individuals within larger systems (family, community, society) - similar to understanding how software components interact.
- Problem-Solving Orientation: Trained to assess situations and find practical solutions, directly applicable to debugging and software development.

ADDITIONAL TRAINING & CERTIFICATIONS

Year : 2024

Training Provider

FreeCodeCamp, W3Schools, Bro Code YouTube channel.

Course

HTML, CSS fundamentals, PHP and JavaScript.

Platform :

AI-Assisted Development (Self-Learning) DeepSeek, ChatGPT

Year : 2025

Using AI for debugging, code generation, learning acceleration

- **MICROSOFT OFFICE TOOLS AND INTERNET EXPLORATION**

Certificate in Computer Software Applications

Allawalie Computer Training School | Shell Kissy, Sierra Leone

Completed: July 2017 (18-month program: January 2016 - July 2017)

Overview:

This foundational training program provided me with my first formal introduction to computer systems and office productivity software. Completing this 18-month program established my core understanding of digital tools and data management, which later became the bedrock for my self-directed journey into web development.

Software Programs Completed:

Software Key Skills Acquired

MS-Windows (Operating System) File management, folder organization, system navigation, basic troubleshooting.

MS-Word (Word Processing) Document creation, formatting, typing proficiency, tables, mail merge.

MS-Excel (Spreadsheets) Data entry, formulas (SUM, AVERAGE, HX & VLOOKUP, INDEX MATCH), creating tables, basic data analysis (automation)—this is where my interest in formulas and data logic first sparked.

MS-Access (Databases) Understanding database concepts, tables, queries, forms, and reports—providing an early introduction to how data is structured and retrieved.

MS-Publisher (Desktop Publishing) Creating flyers, brochures, and basic design layouts
Internet & Email Web browsing, email communication, online research skills

How This Training Contributed to My Current Skills:

- The Excel formulas I learned here (SUM, VLOOKUP, HLOOKUP, XLOOKUP, AVERAGE, RANKS) directly inspired my curiosity about how data logic works, eventually leading me to learn programming.
- The database concepts from MS-Access gave me a head start when I later learned MySQL—I already understood tables, records, and queries.
- The typing and computer navigation skills made my transition to coding much smoother.
- This training established my discipline and ability to complete a structured, long-term program (18 months).

• **WEST AFRICA SENIOR SECONDARY EDUCATION CERTIFICATE**

CHRIST THE KING COLLEGE| Sierra Leone
[Year 2012]

Qualifications Obtained:

WASSCE
MATHEMATICS, ENGLISH LANGUAGE, ECONOMIC, GOVERNMENT, HISTORY.

STRENGTH AND DESCRIPTION

• **STRENGTH AND PERSONAL ABILITIES**

Strength : Self-Motivated

Description : Demonstrated ability to learn complex technical skills independently while working full-time

Strength : Persistent

Description : Successfully debugged challenging code issues without giving up

Strength : Adaptable

Description : Transitioned from Social Work background to technology; comfortable with change

Strength : Detail-Oriented

Description : Careful attention to code syntax, database relationships, and user interface details

Strength : Practical Learner

Description : Learns best by building real projects rather than just theory

Strength : Problem-Solver

Description : Approaches challenges systematically and resourcefully

Strength: Reliable

Description: Consistent in meeting self-imposed learning and project deadlines

Strength : Good Communicator

Description : Ability to explain concepts clearly, enhanced by teaching experience

Strength : Empathetic

Description : Understands user needs and perspectives from social work background

Strength : Hardworking

Description : Proven ability to balance multiple responsibilities effectively

INTEREST

- I am passionate about the intersection of technology and social impact. I am keen to explore how web and mobile solutions can address local challenges in education, healthcare, and community development within The Gambia. I am a committed lifelong learner, always seeking to expand my technical toolkit and understand new technologies. · Volunteer Interests: Open to volunteering my technical skills for community-based projects or non-profits to gain further experience and contribute to local development.
- Coding & Technology: Passionate about learning new programming languages and building useful applications · Reading: Enjoy reading about technology, personal development, and current affairs · Teaching & Mentoring: Passionate about helping others learn and grow · Football/Sports: [If applicable] · Community Engagement: Interested in how technology can solve local community problems · Continuous Learning: Always seeking to acquire new knowledge and skills

ACHIEVEMENT & AWARDS

- · Self-Directed Learning Track: Completed numerous online tutorials, courses, and hands-on projects covering PHP, MySQL,

JavaScript, HTML5, CSS3, and Git. My primary certification is the live, functional web application I have built and deployed. · AI-Augmented Development Certification (Unofficial): Proficient in integrating Large Language Models (DeepSeek, ChatGPT) into a professional development workflow for troubleshooting, code optimization, and accelerated learning.