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# Ernest Kyei Nkrumah

Tarkwa, Western Region

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## Job Specification

C# and ASP.NET Core Developer

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## Summary

As a highly skilled Full Stack Developer with over six years plus of hands-on experience, I specialize in building modern, scalable web applications using **C#, ASP.NET Core, and Blazor**. I combine strong backend engineering capabilities with dynamic, interactive frontend development to deliver high-quality, user-focused solutions.

With solid expertise in **database design, optimization, and administration** (SQL Server, MySQL, PostgreSQL), I ensure that applications are supported by secure, efficient, and reliable data architectures. My background in infrastructure management, information security, and technical support enables me to provide end-to-end solutions that are both robust and maintainable.

I have successfully supported organizations ranging from startups to mid-sized companies, delivering applications that enhance productivity, streamline operations, and scale with business growth. Known for my analytical mindset, clean coding practices, and problem-solving skills, I bring technical depth and reliability to any development team.

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## Employment History

### University of Mines and Technology

Senior ICT Assistant - Software Engineer • Tarkwa

01/2021 - Present

#### Responsibilities:

- Established strong relationships with new staff members and served as a key point of contact for IT support, ensuring smooth onboarding and resolving a wide range of technical issues for both new and existing employees.
- Designed, developed, and deployed custom software solutions to improve operational efficiency across the University, aligning technology tools with departmental needs.
- Led the end-to-end development of major business applications—including an enterprise ticketing system, student and staff portals, and a scalable Content Management System (CMS)—resulting in streamlined workflows and improved user experiences.
- Performed comprehensive software testing and quality assurance, identifying and resolving issues to maintain high system reliability and performance standards.
- Delivered consistent 24/7 technical and application support to clients, ensuring minimal downtime and rapid issue resolution.
- Contributed to long-term software development strategies by evaluating emerging technologies and proposing enhancements to existing systems.
- Maintained and optimized software products, including applications, web pages, and databases, ensuring accuracy, security, and continued alignment with user needs.
- Collaborated with cross-functional teams, including academic departments and administrative units, to gather requirements, document processes, and translate business needs into technical solutions.
- Improved system performance and usability through regular code reviews, refactoring, and implementation of best practices in software development.
- Provided training and guidance to staff and end users, increasing adoption of new tools and reducing recurring support requests.

## Mishrule Trades LTD

IT Freelance • Tarkwa, Western Region

01/2011 - Present

### Responsibilities:

- Provided **front-line user support** for hardware and software issues in a company with 30 employees, ensuring minimal downtime and efficient resolution.
- Leveraged extensive knowledge of **Windows and Mac operating systems** to troubleshoot and resolve critical technical issues.
- Developed **scalable websites and web applications**, collaborating with companies, individuals, and organizations to deliver tailored solutions.
- Performed **repairs and maintenance** on personal computers and laptops, ensuring optimal performance and longevity of devices.
- Designed visually appealing graphics for digital and print media, enhancing company branding and communication materials.

## Kumasi Wesley Girls Senior High School

Elective ICT Teacher • Tafo, Kumasi

09/2019 - 09/2020

### Responsibilities:

- Taught **ICT Core and Elective** subjects, delivering engaging lessons and supporting students in developing strong technical and digital literacy skills.
- Created and implemented lesson plans, assessments, and practical activities to enhance students' understanding of key ICT concepts.
- Provided reliable **administrative support**, including documentation, record management, scheduling, and coordination of academic tasks.
- Served as an **ICT Technician**, troubleshooting hardware and software issues, maintaining computer labs, and ensuring the smooth operation of IT systems.
- Assisted in managing school technology infrastructure, including network support, device setup, updates, and system maintenance to improve overall efficiency.

## Supreme Saviour International School.

IT Intern Teacher • Kumasi, Ashanti Region

09/2018 - 12/2018

### Responsibilities:

- Administered and taught **ICT** to JHS 2 students, delivering structured lessons and enhancing student digital literacy.
- Performed **repairs, maintenance, and troubleshooting** on computers and related equipment in the school's computer laboratory.
- Trained teachers and students on the proper and effective use of school technology services and digital tools.
- Configured computers and mobile devices for both teaching and non-teaching staff, ensuring secure and efficient system functionality.
- Assisted in the **procurement process** for new hardware and software, supporting evaluation and selection of suitable technology solutions.

## Dew Of Life Academy

ICT Teacher • Tarkwa, Western Region

09/2009 - 07/2015

### Responsibilities:

#### Part-Time ICT Teacher / IT Technician / Administrative Support

- Delivered **ICT core and elective lessons**, improving students' digital literacy and technical skills.
- Provided **technical support** for hardware, software, and network issues, ensuring uninterrupted IT operations in computer labs and staff offices.
- Configured and maintained **computers and mobile devices** for teaching and non-teaching staff, ensuring secure and efficient systems.
- Supported **administrative functions**, including record keeping, scheduling, documentation, and coordination of technology resources.
- Trained teachers and students on **effective use of technology services** and assisted in the procurement and maintenance of hardware and software solutions.

## MTN

Head of Value Added Service • Tarkwa, Western Region

04/2012 - 01/2015

### Responsibilities:

#### Mobile & Wireless Device Configuration

- Configured **mobile devices** for staff and students, ensuring proper setup and functionality.
  - Set up **wireless devices and networks**, enabling seamless internet connectivity across the organization.
  - Troubleshoot and resolved **connectivity issues** on mobile and wireless devices.
  - Maintained **device security and access settings** to protect network integrity.
  - Provided guidance and support to users on **optimizing mobile and wireless device usage**.
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#### Professional Skills

ASP.NET WEB API, ASP.NET, ASP.Net Core, Blazor Server, Blazor Wasm, ASP.NET MVC, C#, Microsoft SQL Server, MySQL, MongoDB, PostgreSQL, Information Security, Information Technology, Networking, Hardware and Technical Support, Operating Systems: Windows, Mac OS., Customer Service, Python, Php, HTML 5, CSS 3, JavaScript, JSON, MS Office (Word, Excel, PowerPoint)

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#### Education

##### Kwame Nkrumah University of Science and Technology

MSc. Information Technology • Kumasi, Ashanti

11/2025

##### University of Education, Winneba

Bachelor of Science Information Technology Education • Kumasi, Ashanti Region

05/2019 - Graduated

- **Key Courses:** Mini Project: **Student Identification System(B+)**.
- **Awards:** Second Class Upper.

##### National Institute of Information Technology(NIIT)

Honors Diploma in Networking Engineering • Takoradi, Western Region

05/2012 - Graduated

- **GPA achieved:** 3.30/4, B. Excellent.
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#### Certificates

MSc Information Technology, BSc Information Technology Education, Honors Diploma in Network Engineering, West Africa Senior Secondary School Certificate, Basic Education Certificate

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#### Online Certifications

- C# Beginner to Advance
- ASPNET Core Web API
- Blazor
- Advance C# Master Class
- Machine Learning
- Deep Learning
- Advance SQL
- SQL Master Class
- The Complete Php Full Stack
- Web Developer
- Practical Web Development
- JavaScript
- Python
- JavaScript - JQuery
- Desktop IT Support

- Unit Testing .Net Core Applications with xUnit .net & MOQ
  - MAUI
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## Languages

English, Fante

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## Public Profile

- **Website:** [ekn.cashoutmce.com](http://ekn.cashoutmce.com)
  - **LinkedIn:** <http://www.linkedin.com/in/ernest-kyei-nkrumah-34829a53>
  - **GitHub:** <https://github.com/Mishrule/>
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## Referees

- **Mr. Emmanuel Eshun** – Head of ICT Unit, University of Mines and Technology (UMaT)  
Phone: +233 246 622 687
- **Dr. Felix Aryee** – Web Master, University of Mines and Technology  
Phone: +233 242 176 842
- **Mr. Osei Gyampo** – ICT Tutor, Kumasi Wesley Girls Senior High School  
Phone: +233 244 955 502
- **Mrs. Andrea Ocran** – ICT Head of Department, Kumasi Wesley Girls Senior High School  
Phone: +233 244 731 663