

Ernest Kabenla Kenya Amankwah

Software Developer



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Profile

I am proficient software engineer with a three years experience in the field of web development, mobile app development, administrative assistantship, managing and implementing softwares, including microsoft packages and software application tools. i am well equipped with efficient problem-solving skills and exposure to Computer Science related concepts. I am passionate about driving technological advancement, committed to improving my skills with the least opportunity to grow and contribute to the tech industry.

Professional Experience

Junior ICT assistant, *University of Energy and Natural resources*

2024 Oct – present

SUNYANI, Ghana

- Managing and debugging the university's student admission management system(student admissions portal)
- Developing a mobile app for handling online transactions (Secure Pay).
- Managing the student management system, ensuring smooth operations and data integrity(TAT).

Software Developer (National Service),

2023 Nov – 2024 Oct

University of Energy & Natural Resources

Sunyani, Ghana

- Developed an election web app for student elections on campus, improving the election process through automation. Worked more on the UI and frontend integration.
- Provided in-service training to employees on the implementation and use of the E-Office application software.
- Electronic exam verification system by integrating a generated unique barcode to verify student registration for the courses, on their exam pass ID.

Technician, *Newmont Ghana Gold*

2021 Sep – 2021 Dec

Sunyani, Ghana

- Documenting daily job tasks and safety principles in the minesite during work analysis(JHA)
- Installed wireless access points across the mine site for enhanced network coverage.
- Troubleshoot and installed radio communication antennas to improve on-site communication systems.
- Set up and established camera communication systems to be monitored from the control rooms.
- Terminated Ethernet cables and managed the installation of Kingston bridges.

Skills

Programming Languages

- JavaScript, HTML, CSS, SQL, Python, C#

Tools

Git, GitHub, Visual Studio Code, Postman, Linux

Technologies & Frameworks

Node.js, Express, MongoDB, Firebase, Django

Microsoft Technologies

SharePoint, Exchange, Teams, OneDrive (both on-premise and MS Azure)

Soft skills

Problem-solving, troubleshooting, team collaboration, communication, time management

Projects

Portfolio site, *Personal portfolio site* [↗](#)

2023 Sep

AppleStore

2024 Jan – 2024 Mar

Personal apple store api for an ecommerce site.

PulseWave

2024 Feb

This a sample music app built by cloning sportify's api

ClockIT

2024 May

ClockIt is a mobile app built to monitor and track the attendance of employees. Giving a general report on their punctuality.

UDecide

2024 Jun – 2024 Nov

This is an e-voting web app built for conducting elections for the university system. it entails the verting, and application system. i work mostly on the front-end interface, focusing more on the UI.

Education

Senior High School, (Opoku Ware School)

2016 – 2019
kumasi, Ghana

Bsc. Computer Engineering,

2019 – 2023 Nov
Sunyani, Ghana

UNIVERSITY OF ENERGY AND NATURAL RESOURCES

Completed a comprehensive Computer Engineering program, including courses in Linear Electronics, Robotics, Artificial Intelligence, Electromagnetic Field Theory, Signals and Systems, Differential Equations, Data Structures and Algorithms, and C++. These courses equipped me with a solid foundation in both hardware and software, enhancing my analytical thinking, logical reasoning, and problem-solving abilities. Through these studies, I developed a systematic approach to addressing complex challenges, whether in designing efficient algorithms, modeling dynamic systems, or implementing intelligent automation solutions.