Joel John Otchere-Baffour
FullStack Developer

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PROFESSIONAL SUMMARY
Resilient and adaptable full-stack developer with half a decade of experience in software programming and data analytics. Specializes in problem-solving, exploratory data analysis, and fullstack web development.I built a management app for the biobanking team of my institute. Passionate about uncovering insights from data to guide future decisions and developing solutions that enhance user experiences. I use a synergy of skills such as critical thinking,programming, communication and teamwork to solve issues for companies looking to up their game using cutting edge technology.

WORK EXPERIENCE
Technical Officer
May 2021-Present. CSIR - Water Research Institute. Accra Ghana
- Utilized Machine Learning to solve research questions, driving innovation in research methodologies
- Upgraded the internet infrastructure for the department, resulting in a marked increase in productivity
- Led the initiative to build a management system for the biobank

Skills Summary:Data Analysis, Python Programming, Machine Learning, NextJs, Typescript

Intern
January 2020- June 2020. Ministry Of Finance. Accra, Ghana
- Contributed to the maintenance of the ministry's computers, servers, and internet infrastructure, ensuring smooth IT operations.
- Created new pages and designs for the ministry's website, enhancing the online user experience.

Skills Summary: Joomla, Wordpress

National Service Personnel
September 2018 - August 2019. Korle Bu Teaching Hospital, Accra, Ghana
- Oversaw the training of interns, providing valuable feedback to supervisors and ensuring quality in intern performance ● Contributed to the maintenance of the hospital's computers,servers, and internet infrastructure, supporting essential medical services
- Created an application for the Social Welfare Office of the hospital under the supervision of the head of the IT department. Skills Summary: Codeigniter,HTML, PHP,CSS

EDUCATION
BSc (Hons) Computer Science
- *All Nations University College*,November, 2018

PROJECTS
- Personal Portfolio - Personal Portfolio built with NextJs and hosted on Vercel.
  Role:Lead Developer **Technologies**: NextJs, Vercel, Typescript, TailwindCSS
  Link:https://joels-portfolio-beryl.vercel.app/
- HealthSeeker: Appointment booking Application for medical doctors.
  Role:Lead Developer **Technologies**:NextJs,Vercel,TypeScript,PostgreSql
  Link:https://github.com/codeshark3/healthseeker
- WaterTest: A management app for the storing of sample image data,image recognition with opencv, and machine learning for predictions of disease prevalence.
  Role:Lead Developer **Technologies**:React,Django,JavaScript,Python, Opencv, MySql, Bootstrap
  Link:https://github.com/codeshark3/wtestbuild

CERTIFICATIONS
May 2023 - August 2024, ALX Data Science Programme Accra, Ghana
June 2018 - July 2018, Global Code Summer Programme 2018, Accra Ghana
November 2017, Certificate of Mentorship, DjangoGirls Coding Workshop Accra ,Ghana

TECHNICAL SKILLS
Languages: Python, JavaScript, TypeScript, C, C++, HTML, CSS, PHP
Frameworks:Django, Next.js, React, React Native, Scikit-learn, Wordpress,Vercel,Tailwind CSS,
Git, GitHub Database: MySQL, PostgreSQL, MongoDB