

Sandra Sarkodie

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Summary

Results-driven Agricultural Biotechnologist and Frontend Developer with a unique fusion of scientific expertise and technical skills. Leveraging molecular biology, genetic engineering, and plant breeding expertise to drive innovation in agriculture, while utilizing frontend development skills to create user-centric digital solutions.

Skills

- Agricultural Biotechnology: Molecular biology, genetic engineering, plant Breeding
- Frontend Developer: HTML | CSS | JavaScript | Git | GitHub |React
- Analytical and problem-solving skills
- Strong communication and collaboration skills
- Digital skills: good command of Microsoft Office Word, PowerPoint and Excel.
- Job related skills: Ability to work alone and as a team player.
- Organizational and Managerial skills: good leadership skills, Strong interpersonal and organizational skills and good presentation skills

Experience

Agricultural Biotechnologist | Frontend Developer | Administrative Assistant | Marketing Personnel
10/2023 – Present

- **Improved crop yields and quality:** Developed and implemented strategies to enhance crop yields, disease resistance, and nutritional content, resulting in improved crop quality and reduced losses.
- **Conducted molecular biology research:** Utilized techniques such as PCR, DNA sequencing, and gene cloning to analyze genetic variations in crops. **Frontend Developer**
- **Developed responsive web applications:** Built multiple web applications using HTML, CSS, and JavaScript, ensuring seamless user experience across various devices and screen sizes.
- **Improved code quality:** Utilized best practices and coding standards to ensure high-quality code, and implemented testing and debugging techniques to identify and fix issues.

Administrative Assistant

- Provided administrative support, managed schedules, coordinated events and use of SAP
- Maintained accurate records, handled correspondence, and ensured smooth office operations and raising customers' orders using S.P.A **Marketing Personnel**

- - Developed and implemented marketing strategies to reach target audiences
- - Created engaging content, managed social media, and analyzed campaign performance

Projects

- **Vegetables Website:** Developed a responsive website for a client using, HTML, and CSS.
- **Portfolio Website:** Built a web application for a portfolio using Html, CSS and JavaScript.
- **Library Management App:** Built with React
- **Advertisement App:** Built with React and JavaScript
- **Assessing the genetic diversity among 120 maize** (*Zea mays* L.) inbreed lines using morphological and molecular markers.

Education

BSc Agricultural Biotechnology, Crop and Soil Science, Graduation: 08/2023 Kwame Nkrumah University of Science and Technology, Kumasi

West Africa Senior Secondary Certificate Examination

Ejisu senior high and technical school, Ashanti Region, Ghana

Agricultural Science, Graduation: 05/2018

2013-2015

Basic Education Certificate Examination

St. Joseph R/C Junior High School, Ayeduase, Ashanti Region, Graduation: 06/2015

Training

Web Development Fundamentals, Graduation:8/2025

Children and Youth teacher training, Graduation:09/2023

Ghana Girls Brigade training, Graduation:09/2019