

# Sampson Reginald Aduboffour

## Full-Stack Developer

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### Objective

Passionate and detail-oriented Full-Stack Developer with **4+ years of experience as a Software Testing Engineer**, now transitioning into full-stack development. Proficient in designing, developing, and deploying scalable web applications using **HTML, CSS, JavaScript, Python, and Django**. With a strong foundation in software testing and quality assurance, I bring a meticulous eye for detail and a deep understanding of robust, error-free systems. I am always seeking to further my expertise in full-stack development, adept at problem-solving and collaborating with cross-functional teams to deliver high-quality digital solutions. Led a team of developers in a collaboration hackathon project, demonstrating strong leadership and teamwork skills.

### Technical Skills

- **Front-End:** HTML, CSS, JavaScript, React
- **Back-End:** Python, Django, PostgreSQL
- **Version Control:** Git, GitHub
- **Testing & QA:** Selenium, Postman, Unit Testing
- **Development Tools:** VS Code, Docker, CI/CD (Jenkins, GitHub Actions)
- **Cloud & Deployment:** Heroku, AWS, Cloudinary

### Projects

- **Event Management Site:** Developed a full-stack event management application using HTML, CSS, JavaScript, Django, and PostgreSQL. Designed and implemented features such as user authentication, event creation, RSVP functionality, and real-time updates. Ensured a responsive and intuitive user interface, improving user engagement by 30%. [<https://github.com/Kaakyire9/Eventia>]
- **Diversity and Inclusion Site:** Developed a site that promotes diversity and inclusion in all aspect of life using HTML, CSS and Bootstrap <https://kaakyire9.github.io/Project1-Diveristy-Inclusion/>]
- **Weather Application Using API:** Developed a weather application using HTML, CSS, and JavaScript that fetches real-time weather data from a public API. Collaborated with the team during a hackathon to deliver a user-friendly and responsive design. [GitHub Link: <https://github.com/alice173/iWeather>]

### Work Experience

**Quality Assurance Analyst**

**Global Intelligent Consultancy Ltd, London**

 **Oct 2021 - 2024**

- Conducted thorough software testing (functional, performance, and security) to identify defects and ensure system integrity.
- Operated within the Agile-Scrum framework, participating in daily stand-ups and sprint meetings.
- Developed automated test scripts using Selenium WebDriver and Python, increasing test coverage by 30%.
- Performed API testing with Postman, executing test cases and reporting defects, reducing resolution time by 20%.

## Test Engineer

***Samasoft Technologies, Kumasi, Ghana***



**Apr 2019 - Sep 2021**

- Designed and executed test plans to validate software functionality and security.
- Conducted manual and automated testing to identify and resolve defects, improving software quality by 25%.
- Maintained detailed documentation for testing procedures and results, ensuring compliance with industry standards.

## Computer Teacher

***Ghana Education Service (GES), Kumasi, Ghana***



**Sep 2016 - Mar 2019**

- Developed curriculum covering programming, digital literacy, and internet safety.
- Delivered engaging lessons using interactive teaching methods, resulting in a 15% improvement in student performance.
- Mentored students on coding projects, fostering a passion for technology and innovation.

## Education History

- **Full-Stack Development Certification** – Code Institute (2025)
- **Bachelor of Education in Information Technology** – Valley View University, Ghana (2018)
- **Diploma in Basic Education** – University of Cape Coast, Ghana (2013)

## Soft Skills

- **Leadership:** Led a team of developers in a hackathon project, delivering a winning solution.
- **Mentorship:** Guided students and junior developers in best practices for testing and debugging, fostering a collaborative and knowledge-sharing environment.
- **Teamwork:** Collaborated with cross-functional teams to deliver high-quality digital solutions.
- **Problem-solving:** Resolved critical production issues, ensuring minimal downtime.
- With a background as a professional teacher, continuous learning has become second nature to me, making the acquisition of new knowledge and skills both seamless and enjoyable.

## Interests

Open-source contributions, hackathons, and exploring new technologies.