



## AFRICA CODE WEEK COURSE

For age group 18-24

Join our Master Class and build your own website!

By giving everyone access to global knowledge, the Internet opens up an infinite horizon of opportunities where new business models arise. As people and devices connect more and more, the Internet has even become mission-critical in many areas such as education, healthcare, transport or business.

Offering an introduction to Web Technologies (HTML, CSS, Javascript, PHP, SQL), this workshop will give you a good understanding of a typical website architecture (e-commerce, blog, etc.) while teaching you how to create a fully operational, mobile-friendly website.

### COURSE CONTENT

- Understanding the capabilities of a Web Application Server and how to build one from scratch.
- Deploying and configuring an open-source Content Management System; leveraging extensions to jumpstart a productive website rollout.
- Connecting the website to a database using a dynamic scripting language (PHP, Javascript) and using the SQL language to interact with data.

## DURATION

About 3 hours. Students should be able to setup their own dynamic, customized, and mobile-friendly website by the end of the course.

## PRE-REQUISITES

- Basic understanding of web browsers and HTML.
- A few programming basics.
- Eagerness to learn.



“Beyond coding as the 21st century language, we are imparting the right skills and attitudes and a culture of innovation and creativity among young Africans. Africa Code Week is also shedding light on how public-private partnerships can be renewed in the digital age for greater scale and impact: if young Africans see that governments, nonprofits and the private sector are working as one voice to deliver on joint education priorities, trust is seeded and they feel encouraged to start owning and living their dreams.”

### CLAIRE GILLISSEN-DUVAL

Director of SAP Corporate Social Responsibility, Europe, Middle East & Africa.  
Africa Code Week Global Lead.

**CODING IS A NEW LANGUAGE. EVERY CHILD DESERVES TO BE FLUENT.**