



Samuel AKINGENEYE

Full stack web developer | Cybersecurity Enthusiast | Data Analyst

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Profile

Motivated web developer with solid experience in front-end and back-end development. Dedicated to building secure, fast, and responsive websites. Continuously learning cybersecurity practices to protect and enhance digital products in today's evolving tech landscape.

Education

Secondary school, Kagitumba high school 🔗
2019 – 2022 | Nyagatare, Rwanda

Primary school, G.S Mwulire II
2010 – 2018 | Rwamagana, Rwanda

Courses

Full stack web development, Free code camp 🔗
Online, United states

Cybersecurity, Free code camp 🔗
Online, United states

Data analysis, Free code camp 🔗
Online, United states

Languages

- Kinyarwanda
- English
- French

Projects

Weather app 🔗

Water testing app 🔗

Personal portfolio 🔗

Javascript calculator 🔗

Quiz app 🔗

To do a list 🔗

Pomodoro clock 🔗

More projects 🔗

Certificates

- Responsive Web Design - FreeCodeCamp 🔗
- JavaScript - FreeCodeCamp 🔗
- Computer Fundamentals - Certificate 🔗

Professional Experience

Cybersecurity Enthusiast,
Self-Study & Personal Projects

2025 – present | Kigali, Rwanda

- Learned and applied security best practices (XSS, CSRF prevention, password hashing).

Skills

Frontend development — Expert

- HTML5
- CSS3
- Responsive Web Design (Flexbox & CSS Grid)
- CSS Animations
- Bootstrap
- JavaScript (ES6+)
- DOM Manipulation
- JSON & AJAX
- React (with Hooks)
- Front-end Libraries (jQuery, SASS, Redux basics)

Backend development — Competent

- Node.js
- Express.js
- RESTful API Development
- CRUD Operations (Create, Read, Update, Delete)
- Authentication (using Passport.js)
- Asynchronous Programming
- Basic Security Practices in Back-End Development.

Databases — Competent

- MongoDB (NoSQL Database)
- Mongoose (Object modeling for MongoDB)

Cybersecurity skills — Amateur

- Security principles
- Helmet.js (HTTP headers security)
- XSS prevention
- CSRF awareness
- Content Security Policy (CSP)
- Input validation & sanitization
- Data encryption fundamentals (HTTPS, SSL/TLS)
- Authentication security (Passport.js)
- Password hashing & salting
- Rate limiting & brute-force protection
- Security testing basics

Data analysis — Beginner

- Python programming
- Pandas (data manipulation)
- NumPy (numerical computing)
- Data visualization (Matplotlib, Seaborn)
- Data cleaning
- Data wrangling
- Exploratory data analysis (EDA)
- Statistical analysis
- Data interpretation
- Data frames & Series
- Handling missing data
- Aggregation & grouping

- Implemented data encryption and secure authentication techniques in apps.

Full stack web developer,

Freelance & Personal Projects

2024 – present | Kigali, Rwanda

- Built and deployed full-stack web apps (Weather App, Water Testing App).
- Developed dynamic portfolio website using HTML, CSS, JavaScript, React, Node.js.
- Implemented secure authentication and API development with Express.js and MongoDB.
- Applied responsive design principles and best practices for high-quality apps.

References

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Declaration

I hereby declare that the information provided is true and accurate to the best of my knowledge.



Samuel AKINGENEYE

Kigali, 23rd-march-2025