# TOUGUE ARISTIDE ATE

## **EDUCATION**

Douala, Cameroon

University of Douala

October 2018 - August 2022

- Master 1 in Computer Science, August 2022.
- Bachelor of Science in Computer Science, July 2021.
- · Graduate Coursework: Microservices with Angular, NestJS and MongoDB, Theory of Computation, Agile Workflow, Software Engineering, Advanced algorithms, Operational Research, Operating System, Big Data.
- · Undergraduate Coursework: Data Structures & Algorithms with C, Operating Systems, Databases, Web development with JS, PHP et MySQL, OOP with C++ and Java, Functional Programming with Haskell, Linear algebra.

# CERTIFICATIONS

## DevOps, Cloud, and Agile Foundations

IBM Skills Network

June 2022 - October 2022

- DevOps essential characteristics including culture, behavior, practices, tools, methodologies, technologies, and metrics.
- More concepts of Cloud Computing, including its benefits, models, use cases, platforms, services, resources, and opportunities.
- · Agile practices of small batches, minimum viable products, pair programming, BDD and TDD.
- Scrum methodologies to create a product backlog, write user stories, use the sprint planning process, and measure performance.

JavaScript Algorithms & Data freeCodeCamp August 2022 Structures Back-End Development and APIs freeCodeCamp April 2022 Responsive Web Design freeCodeCamp April 2022

# TECHNICAL EXPERIENCE

#### Chat app

- Developed and deployed messaging service to communicate data between different users in real-time using Socket.IO.
- Implemented a user-friendly UI with Angular, HTML & CSS.
- Utilized Node.is and MongoDB to create reliable server infrastructure.
- Set authentication system using JsonWebToken. Utilized Node.is and MongoDB to create reliable server infrastructure.
- Wrote unit tests and functionals tests with Jest.
- Wrote Dockerfiles to create Docker containers.

#### Online Sudoku game platform

- Academic project carried out in a group of 10 people in an Agile environment consisting of designing an online Sudoku game platform using the microservices pattern.
- Implemented a service that allows to make statics on the results of the games of the different players.
- Deployment of the app using Heroku.
- The app has been designed using Angular, NestJS, MongoDB and Cypress.

### Personal Library App Converter

- · Node is app that allows adding books to a library, updating them, deleting them or commenting them.
- Designed with HTML, CSS, Express.is and MongoDB.
- Wrote unit tests and functional tests with Mocha/Chai.

## TECHNICAL SKILLS

- Frontend: HTML, CSS, SCSS, Bootstrap, Angular.
- Backend: Node.js, Express.js, NestJS, MongoDB, SQL, Socket.IO.
- Programming languages: JavaScript, TypeScript, Python.
- Additional: Agile, Scrum, DevOps, Docker, AWS, Cypress, Jest, Mocha/Chai, Git, Shell.

## SOFT SKILLS

Communication, problem solving, teamwork, curiosity, adaptability.

# LANGUAGES

- French: native language.
- English: B2.

## HOBBIES

Anime, Video games, football, cycling, reading.