

Manassas Park, Virginia  
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## COURAGE ANGEH N.

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### SKILLS

- Extremely versed in development models and design patterns like CQRS, microservices, waterfall and Agile models.
- Strong experience in Java and Java-related technologies.
- Great working experience in building front--end applications using most JS and CSS frameworks.
- Experience in using CI/CD and cloud computing tools and platforms like Kubernetes, Docker, GKE and AWS.
- Excellent working experience in version control and Linux-based systems.
- Quick learner, excellent team player and good communication skills.

### EXPERIENCE

**Apache Software Foundation & Mifos Initiative, Mountain View - California** — *Open Source Contributor*

APRIL 2019 - PRESENT

- Contribute to the containerization and deployment of Apache Fineract CN using Docker and Kubernetes.
- Contribute code to Apache Finceract 1.x.

**UNICEF, United Nations Plaza, New York, NY 10017** — *Software Engineer Intern*

OCTOBER 2018 - APRIL 2019

- Using Node JS, test and implement a data processing service to manage mobility and health data for every UNICEF country.
- Using React JS, upgraded the Magic box project to manage mobility and health data.
- Implemented Jenkins job to periodically migrate data between Azure VMs and a Postgres database.
- Using Bash and Osmosis extract, processed and port schools and health data from Open Street Maps API to a Postgres Database.

**Mifos Initiative & Google Inc, 1546 NW 56th St, Seattle, WA 98107** — *Google Summer of Code Intern*

MAY 2018 - AUGUST 2018

- Started the process of dockerizing and deploying the Fineract CN platform:
  - Implement docker scripts to containerize all the microservices.

- Implement docker-compose and Kubernetes scripts to deploy Fineract CN microservices.
- Implement bash scripts used to provision and migrate data after starting up the Fineract CN microservices.

**Zinger Systems Ltd, Molyko - Buea, Cameroon** — *Software Developer Intern*

DECEMBER 2017 - MARCH 2018

- Design a library management system using REST, microservices and Command-Query Responsibility Segregation (CQRS) and implemented it using Spring Boot and MongoDB.
- Using Spring Boot, Spring Security, MySQL, JUnit and Mockito; designed, tested and implemented an authentication server for the Library Management System.
- Implemented and tested the front-end application for a Hospital Management system using Angular 4 and Materialize CSS.

**Mifos Initiative & Google Inc, 1546 NW 56th St, Seattle, WA 98107** — *Google Summer of Code Intern*

MAY 2017 - AUGUST 2017

- Using Java - Spring Boot, Apache ActiveMQ and MySQL implemented a Notification Framework for the Fineract 1.x platform.
- Using AngularJS, HTML and CSS upgraded the community app to provide notification using the notification framework.

**Skylabase Inc, Mile 17 - Buea, Cameroon** — *Software Developer*

JULY 2015 - DECEMBER 2017

- Implemented a pressing management application using REST, Java - Spring Boot and MySQL.
- Added new features and provided bug fixes for a RESTful financial web service application as requested by the credit union using the financial platform.
- Implement the front-end for an online market using AngularJS and materialize CSS.

**EDUCATION**

**The University of Buea, Cameroon** — *Hons. Degree in Computer Engineering*

October 2014 - December 2018.

**ADDITIONAL EXPERIENCE**

1. Member of the Project Management Committee at the Apache Software Foundation.
2. Google Code-In 2017 and 2018 mentor at Mifos Initiative. Open-source enthusiast.
3. Google Summer of Code 2019 and Outreachy 2019 mentor at the Mifos Initiative and the Apache Software Foundation.

**REFERENCES**

1. Edward Cable - CEO of Mifos Initiative - [edcable@mifos.org](mailto:edcable@mifos.org)

**HOURLY BILLING RATE: \$15/hr**

**DONE: 10<sup>th</sup> June 2019.**