GUY MBEREBE GUIDONA

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About me:
I am a talented, ambitious and hardworking person, with broad skills and experience in software engineering, entrepreneurship and volunteering. Furthermore, I am adept at handling multiple tasks on a daily basis competently and at working well under pressure. A key strength is communication; building strong relationships with people in order to deliver the best results.

● WORK EXPERIENCE

05/10/2022 – CURRENT Montreal, Canada
SENIOR SOFTWARE DEVELOPMENT CONSULTANT ISCI INC.

17/11/2019 – 04/10/2022 Yaoundé, Cameroon
SOFTWARE DEVELOPER SPRINT - PAY CAMEROON SA

General description
- Improve system quality by identifying issues and common patterns, and developing standard operating procedures
- Enhancing applications by identifying opportunities for improvement, making recommendations, designing and implementing systems
- Maintaining and improving existing code bases and peer review code changes
- Liaising with colleagues to implement technical designs
- Investigating and using new technologies where relevant
- Provide written knowledge transfer material

Development of a web and desktop platform allowing the Office du Baccalauréat Cameroon (OBC) to centralise all examination management operations
Context
In order to facilitate and centralise the management process of the Baccalaureate and Probatoire examinations in Cameroon, the OBC called upon Sprint Pay to design and implement a web and offline platform, allowing them to manage the entire life cycle of official examinations, i.e. from the registration of candidates to the announcement of results.

Online at https://www.epimexam.cm
Tasks carried out
- Implementation of the core business logic of the application;
- Microservices deployment with service containerization and orchestration;
- SCRUM methodology;
- Data engineering and pipeline definition for data ingestion.
Technical environment
- Programming languages: Java;
- Frameworks: Spring;
- Deployment: Docker, Kubernetes;
- Database: MySQL, Elasticsearch;
- Documentation: Swagger, Spring Rest Docs.

Sprint Pay payment API
Context
In an effort to address interoperability issues with money transfers, Sprint Pay has decided to offer the general public a wallet that allows them to to make transactions worldwide without commission.
Tasks performed
- Analysis, design and modeling

- Implementation of micro services for managing payment requests for various payment providers with the development of REST APIs and payment integrations
- Documentation of APIs
- SCRUM Methodology

Technical environment
- Programming languages: Java
- Frameworks: Spring
- Dependency management: Apache Maven
- Testing: JUnit, SonarQube
- Integrated Development Environment: IntelliJ IDEA
- Technologies: HTTP, Rest, SOAP, WebSockets
- Documentation: Swagger, Spring Rest Docs

Development of a web application enabling the Ministry of Finance (MINFI) of Cameroon to Cameroon to follow up on its litigations

Every year, MINFI loses a great deal of money due to poor management of its litigation. It is in this spirit that we have been asked to develop a to develop a litigation management solution for the Ministry.

Online at https://carte-du-contentieux.cm

Tasks performed
- Backend solution modeling and implementation
- Daily SCRUM meetings, analysis, design and development of microservices for managing document and file storage. Integration of various storage services, APIs and FTP/SFTP servers.

Technical environment
- Programming languages: Java;
- Frameworks: Spring, Batch programming
- Dependency management: Apache Maven
- Testing: JUnit, SonarQube
- Documentation: Swagger, Spring Rest Docs

Business or Sector Financial and insurance activities | **Department** IT |

Address Nouvelle Route Omnisport, Yaoundé, Cameroon | **Website** http://www.sprint-pay.com

04/03/2019 – 02/09/2019 Yaoundé, Cameroon
SOFTWARE DEVELOPER I2S

Tasks carried out
Design and implementation of an Electronic Archives Management System
Design and analysis, writing of functional and technical specifications, development of micro-services, management of the core business, management of clients and web with Spring and Spring Boot frameworks, technical documentation, user acceptance testing.

Technical environment
- Programming languages: Java, Python, JavaScript, LATEX, HTML5, CSS3
- Framework: Spring Boot, Spring MVC, Spring Data, Spring Security, Spring Cloud, Django, Jinja
- Integrated Development Environment: IntelliJ IDEA, Visual Studio Code
- Database: MySQL, Apache Solr (for document indexing)
- Architecture: Microservices
- Tools
    - Code generator: JHipster
    - Testing: JUnit, Rest Assured, SonarQube

01/07/2017 – 28/02/2019 Maroua, Cameroon
SOFTWARE DEVELOPER TECHNOLOGY AND INNOVATION SUPPORT CENTER OF THE UNIVERSITY OF MAROUA

Design and implementation of the student marks management platform of the National Advanced School of Engineering of Maroua
Context
The National Advanced School of Engineering of Maroua was in need of a platform for managing the entire life cycle of students marks and performance throughout their studies. This included;
- Marks entered by teachers after evaluation;
- Results publications;
- Transcripts and testimonials generation.

Realizations
- Solution modeling and design;

- Implementation of a solution permitting teachers and users of the platform to enter the marks of the students, generate results and transcripts

Technical environment
- Programming languages: Java, JavaScript, HTML5, CSS3
- Framework: Spring Boot, Spring Framework, AngularJS
- Integrated Development Environment: IntelliJ IDEA, Visual Studio Code
- Database: PostgreSQL
- Architecture: Monolith
- Tools:
    - Dependency management: Apache Maven;
    - Testing: JUnit, Cucumber, Rest Assured, SonarQube;
    - Deployment (DevOps): Jenkins, Git/GitHub, Apache Tomcat

Design and implementation of a Transparent Authentication System for the users of the Technology and Innovation Support Center
Context
The objective of the project was to offer a user friendly authentication system allowing them to easily access the system from their computers as long as they are connected to the center's WiFi.

Technical environment
- Programming language: Python
- Tools: mitmproxy https://mitmproxy.org/

Other tasks carried out
- Provide technical assistance and support for incoming queries and issues related to computer systems, software, and hardware.
- Maintain daily performance of computer systems.
- Install, modify, and repair computer hardware and software.
- Clean up computers.

06/07/2015 – 05/08/2015 Garoua, Cameroon
ICT HELP DESK AGENT BRASSERIES DU CAMEROUN

Tasks carried out
- Provide technical assistance and support for incoming queries and issues related to computer systems, software, and hardware.
- Maintain daily performance of computer systems.
- Respond to email messages from customers seeking help.
- Ask questions to determine the nature of the problem.
- Walk customer through problem-solving process.
- Install, modify, and repair computer hardware and software.
- Clean up computers.
- Run diagnostic programs to resolve problems.
- Resolve technical problems with Local Area Networks (LAN), Wide Area Networks (WAN), and other systems.
- Install computer peripherals for users.
- Follow up with the customer to ensure the issue has been resolved.

Address Garoua, Cameroon

EDUCATION AND TRAINING

01/11/2017 – 02/09/2019 Maroua, Cameroon
MASTERS OF ENGINEERING DEGREE IN SOFTWARE ENGINEERING National Advanced School of Engineering of Maroua

Address Maroua, Cameroon │

Field of study Software and applications development and analysis , Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs) , Database and network design and administration

Final grade A-

08/09/2018 – 22/09/2018 Shenzhen, China
HUAWEI SEEDS FOR THE FUTURE Huawei Technologies Co., Ltd.

Address Shenzhen, China

10/09/2018 – 13/09/2018 Beijing, China
CHINESE LANGUAGE & CULTURE EXPERIENCE PROGRAM Beijing Language and Culture University

Address Beijing, China

15/10/2014 – 25/09/2017 Maroua, Cameroon
BACHELOR OF ENGINEERING DEGREE IN COMPUTER SCIENCE AND TELECOMMUNICATIONS National Advanced School of Engineering of Maroua

Address Maroua, Cameroon

Field of study Software and applications development and analysis , Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs)

Final grade B

03/09/2007 – 01/08/2012 Maroua, Cameroon
GCE ORDINARY LEVEL Government Bilingual High School Maroua

Address Maroua, Cameroon

03/09/2012 – 01/08/2014 Garoua, Cameroon
GCE ADVANCED LEVEL Government Bilingual High School Garoua

Address Garoua, Cameroon

LANGUAGE SKILLS

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	C2	C2	C2	C2	C2
FULAH	B2	B2	B1	B1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

OS

Ubuntu │ Debian │ Linux │ Windows

Programming

CC++ Programming │ JHipster │ Java Programming language │ Python │ Git │ JUnit │ Matlab │ NodeJS and ExpressJs │ Latex │ SQL │ Web Development HTML 5 CSS JavaScript │ Basic knowledge of PHP programming language │ RESTful Webservices │ JSON │ Maven │ Spring Boot │ Hibernate

Admin services

Linux Bash │ Apache Tomcat │ MySQL │ Docker Compose │ MongoDB │ Centrino │ PostgreSQL │ Docker │ Kubernetes │ Nagios │ Jenkins

Softwares

Microsoft Office Word Excel Access Power Point Outlook | IntelliJ IDEA | Visual Studio Visual Studio Code

Management tools

Jira | Confluence

● ADDITIONAL INFORMATION

NETWORKS AND MEMBERSHIPS

20/10/2020 – CURRENT UNOPS Global Innovation Center, Lund, Sweden
UNOPS Global Challenge GIC Alumni

22/09/2018 – CURRENT Huawei Technologies Co., Ltd.
Huawei Seeds For The Future Alumni

CONFERENCES AND SEMINARS

25/10/2019 – 26/10/2019 – UEBC PAE - ESSAMBA, Maroua
Engaged African youths: The key to a prosperous Africa

26/08/2017 – 27/08/2017 – Movement for Defence of Human Rights and Liberty (MDHRL), Maroua
Fundamental data of human rights: Children's rights, women's rights and humanitarian law

HONOURS AND AWARDS

22/09/2018
Huawei Seeds For The Future 2018 – Huawei Technologies Co., Ltd.

02/10/2014
Les Brasseries du Cameroun award of the best result for the 2014 GCE Advanced Level session in the North Region – Les Brasseries du Cameroun Award of the best pupil and result at the 2014 GCE Advanced Level session in the North Region - Cameroon

17/09/2012
Les Brasseries du Cameroun award of the best result for the 2012 GCE Ordinary Level session in the Far-North Region – Les Brasseries du Cameroun Award of the best pupil and result at the 2012 GCE Ordinary Level session in the Far North Region - Cameroon

MANAGEMENT AND LEADERSHIP SKILLS

Co- Founder & Vice President of Action for Education and Peace Co-Founder and Vice-President of Action for Education and Peace, an association based in Maroua - Cameroon, composed of young entrepreneurs with aim to promote on the national plan *education, entrepreneurship and solidarity*

HOBBIES AND INTERESTS

Sports Football, Jogging