Product Engineering & Management Consultant

1.	**Lastname:**	CODJO
2.	**Firstnames:**	Segbegnon Festus Donald
3.	**Date of birth :**	13/10/1991
4.	**Nationality :**	Beninese
5.	**Civil status :**	Single (in a relationship)
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9.   Education :

School (Start Year: - End Year)	Degree(s)
Ghana Technology University College « GTUC » (2012-2014)	Bsc in Information Technology, Option : Software Engineering
Ecole Superieure Multinationale Des Télécommunications « ESMT» (2008-2010)	Higher National Diploma in Telematics

10.   Professional Experience :

Start date – End date	Country/Place	Company	Position	Description
August 2021 – Present	Bénin	DONACO SARL	Product Engineering & Manager	**Project** : Expose8 **Description** : Simple, modern web portfolio content management system to help talents expose their work to the world. **Technologies**: React, SpringBoot Servlet **Activites**: ■ Set product vision ■ Build product roadmap ■ Define product requirements ■ Manage product engineering ■ Manage product quality ■ Manage product delivery ■ Coordinate all activities related to the management of the product from production to distribution, including follow-up and customer support.
May 2021 – Present	Bénin	SICMa & Associés	Senior Software Engineer	**Project** : GPR **Description** : Intranet application for managing consumer complaints, whistleblows and suggestions . **Technologies** : Java, Spring Boot Servlet, React, Electron **Activities**: ■ Writing project specification document ■ Analysis, Modelling and Implementation of desktop client ■ Analysis, Modelling and Implementation of application server ■ Analysis, Modelling and Implementation of license server ■ Quality Assurance ■ Deployment and Continuous Integration ■ Writing user guides
August 2020 – Present	Bénin	DONACO SARL	Product Engineering & Manager	**Project** : Chronos **Description** : Content Management System with the vision of optimizing considerably the development time of resources consuming web applications. **Technologies** :

Start date – End date	Country/Place	Company	Position	Description
				Spring Boot Reactive, React, RSocket, JWT Auth **Activities**: ■ Set product vision ■ Build product roadmap ■ Define product requirements ■ Manage product engineering ■ Manage product quality ■ Manage product delivery ■ Coordinate all activities related to the management of the product from production to distribution, including follow-up and customer support.
July 2020 – Present	Internet	Freelance	Vulnerability Researcher	**Activities** : ■ Intel gathering on the target with appropriate tools ■ Organization of the intel garted on the target to facilitate the research ■ Tests of differents classes vulnerabilities including Sensitive Information Disclosure, Broken Authentication and Authorization, Open Redirect, Subdomain takeover, Cloud storage misconfiguration, Server Side Request Forgery, SQL injection, Cross Site Scripting, Web Cache Poisonning. ■ Report of the vulnerabilities identified to the customer ■ Support for the mitigation of vulnerabilities
November 2019 – July 2020	Benin	Freelance	Senior Software Engineer	**Project** : Portfolix **Description**: Online Professional Portfolio Management Platform and Network of Professionals **Technologies** : React ; PHP, Laravel **Activities**: ■ Writing the project document ■ Writing the project specification document ■ Analysis, Modelling and Implementation of the platform ■ Quality Assurance ■ Platform vulnerability assessment ■ Deployment and Continuous Integration
2019 – July 2020	Senegal	Freelance	Senior Software Engineer	**Project**: Website for Archdiocese of Dakar **Description**: Website that present the Archdiocese of Dakar, publish their activities, news, donations, events and an API to interface with their mobiles apps. **Technologies**: PHP, WORDPRESS **Activities**: ■ Writing the project specification document ■ Bulding a Wordpress theme ■ Building the website ■ API development ■ Creating video tutoriels for administration ■ Quality Assurance ■ Deployment and Continuous Integration
August 2019 – April 2020	Benin	DMD SARL	Head of Production & Exploitation Departments	**Project** : Satis **Description** : Web application for managing customer claims **Technologies** : PHP, LARAVEL, SYMFONY **Activities** :

Start date – End date	Country/Place	Company	Position	Description
				▪ Coordination of the activities of the Production and Exploitation departments ▪ Managing a project on the digitalization of a claims management process for Atlantic Business International (ABI) ▪ Designing & Optimizing internal team processes
May 2019 – July 2019	Benin	DMD SARL	Head of Production Department	**Project** : Satis **Description** : Web application for managing customer claims **Technologies** : PHP, LARAVEL, SYMFONY **Activities** : ▪ Coordination of Innovation & Prospective, Research & Development, and Deployment & Maintenance services's activities ▪ Providing support to Innovation & Prospective, Research & Development, Deployment & Maintenance, and Marketing services's Leads ▪ Validation of documents produced by the Innovation & Prospective, Research & Development, Deployment & Maintenance, and Marketing services ▪ Team Motivation & Development
2019	Benin	Freelance	Senior Software Engineer	**Project** : Sima **Description**: Management and control system for site visits **Technologies** : PHP, LARAVEL **Activities** : ▪ Writing the project specification document ▪ Development of a web application for administration and control of sites and site visits ▪ Quality Assurance ▪ Deployment and Continuous Integration
2018 - 2019	Benin	Freelance	Senior Software Engineer	**Project** : Forxia Investing **Description**: Participative Digital Marketing Plateform, to help businesses promote their products, events, brands and individuals to learn, and promote businesses products, events, and brands. **Technologies** : PHP, LARAVEL **Activities** : ▪ Writing the project specification document ▪ Development of a web application for administration and control of sites and site visits ▪ Quality Assurance ▪ Deployment and Continuous Integration
June 2018 – April 2019	Benin	DMD SARL	Head of Research & Development	**Project** : Satis **Description** : Web application for managing customer claims **Technologies** : PHP, SYMFONY **Activities** : ▪ Management and monitoring of ongoing projects ▪ Writing project specifications for the development of feedback management platforms, referrals, and complaints respectively for the association of MFIs in Rwanda (AMIR), the Financial Services Quality Observatory of Senegal (OQSF) and the Bank of Ghana (BOG) ▪ Monitoring Platform Development and Deployment activities for AMIR, OQSF, BOG

Start date – End date	Country/Place	Company	Position	Description
				- Training of AMIR member institutions, experts of OQSF, and Officers from BOG - Providing support to the R&D team - Team Motivation & Development - Validation of the various documents produced by the R&D team
2017	Benin	Freelance	Senior Software Engineer	**Project** : Becloser **Description**: Application of management of socio-professional relationships. **Technologies** : JAVA Android + PHP + LARAVEL **Activities** : - Writing the project specification document - Development of the android application, - Development of the web client - Development of the web adminstration application, - Development of the landing page - APIs development - Quality Assurance - Deployment and Continuous Integration
2017	Benin	Freelance	Senior Software Engineer	**Project** : Kambio **Description**: Social network application to discuss around specific topic of interest in a Whatsapp statut like fashion **Technologies** : JAVA Android, PHP, LARAVEL **Activities** : - Writing the project specification document - Development of the android application, - Development of the backend web application, - Development of APIs - Quality Assurance
2016	Benin	Freelance	Senior Software Engineer	**Project** : Troclivre **Description** : Platform for exchanging books **Technologies** : PHP, LARAVEL **Activities** : - Development of the platform - Development of the adminstration of the platform - Quality Assurance - Deployment and Continuous Integration
2016	Benin	Freelance	Senior Software Engineer	**Project** : Amilo **Description** : Application for managing help requests in gas, in mechanical assistance; purchase of spare parts; and geolocation of gasoline stations, garages and parts sales shops. **Technologies** : JAVA Android, PHP, LARAVEL **Activities** : - Writing the project specification document - Development of the android application, - Development of the backend web application, - Development of APIs - Quality Assurance - Deployment & Continuous Integration

Start date – End date	Country/Place	Company	Position	Description
2016	Benin	Freelance	Senior Software Engineer	**Project** : Exposure **Description** : Application for showcasing local company's informations, products, services, events and news . **Technologies** : JAVA Android, PHP, LARAVEL **Activities** : ■ Writing the project specification document ■ Development of the android application, ■ Development of the backend web application, ■ Development of APIs ■ Quality Assurance ■ Deployment & Continuous Integration
2015	Benin	Freelance	Senior Software Engineer	**Project** : Rainbow **Description** : Application for Monitoring and interpreting changes in the temperature, humidity and pressure. **Technologies** : JAVA Android, PHP, LARAVEL **Activities** : ■ Writing the project specification document ■ Development of the android application, ■ Quality Assurance ■ Deployment & Continuous Integration
November 2015 – May 2018	Benin	DMD SARL	Fullstack Web & Android Developer	**Project** : Satis **Description** : Web application for managing customer claims **Technologies** : PHP, SYMFONY **Activities** : ■ Writing project specifications based on customer requests ■ Development and deployment of the complaints and claims management applications for SFD clients (ALIDE, COMUBA in Benin, UIMCEC in Senegal, URC-NAZINON, GRAINE in Burkina Faso) ■ Writing user guides and other documents ■ Training users ■ Monitoring deployments at MFIs level ■ Technical assistance ■ Corrective and preventive maintenance ■ Designing and Administration of DMD's website ■ Technical support to the company team
2014	Ghana	Freelance	Senior Software Engineer	**Project** : Emergencia **Description** : Application for managing medical files, people to contact in case of emergencies, **Technologies** : JAVA Android + PHP, LARAVEL **Activities** : ■ Writing the project specification document ■ Development of the Android application, ■ Development of the web backend application, ■ Development of APIs
2014	Ghana	Freelance	Senior Software Engineer	**Project** : PastQ **Description**: Application for managing past exams questions and exercises categorized by year, exam, subject, subject, access to text

Start date – End date	Country/Place	Company	Position	Description
				format for the purposes of exploratory and predictive analysis, etc. **Technologies** : JAVA Android + PHP, LARAVEL **Activities** : ■ Writing the project specification document ■ Development of the Android application, ■ Development of the web backend application, ■ Development of APIs
September 2014 – October 2015	Ghana	SynergyAfriq	Senior Software Engineer	**Activities** ■ Writing project specification document based on customer demand ■ Design & Development of clients websites ■ Design & Development of a Plateform for managing MASTESS Scholarships for the Ministry of Technology and Energy ■ Quality assurance ■ Deployment & Continuous Integration ■ User Training

11. Professional and/or continuing education

Period	Topics	Certificats
December 2020	Technology for Product Managers	LinkedIn Certificate of completion
December 2020	Behavior-Driven Development	LinkedIn Certificate of completion
December 2020	Test Automation Foundations	LinkedIn Certificate of completion
November 2020	Programming Foundations: Software Testing/QA	LinkedIn Certificate of completion
November 2020	Learning the OWASP Top 10	LinkedIn Certificate of completion
August 2019	Construire des Apis avec Node.js	LinkedIn Certificate of completion
July 2019	Project Management and Planning with MS Project 2013	Training certificate
April 2019	Become a React Developer	LinkedIn Certificate of completion
April 2019	Docker	LinkedIn Certificate of completion
August 2018	Building Web Application with Laravel	LinkedIn Certificate of completion

12. Skills :

Category	Technologies/Tools
Vulnerability Research	Burp suite, Metasploit, sqlmap, sqlninja, john the ripper, dradis, MobSF, OFFSEC Exploit-db search, XSS Hunter, Shodan, kali linux, Wappalyzer, Google dorks, dirbuster, sublistr, theharvester, nmap, ipscan, live http header, whatweb, builtwith,httrack, burp, zap, sqlmap, xmind
Burp extensions development, Pentesting automation	Java, Python, IntelliJ IDEA, PyCharm
Agile Methodologies	SCRUM, EXTREME PROGRAMMING
System Design Concepts	Reactive Programming, Object Oriented Programming(OOP), Functionnal Programming, Test Driven Development, Event Oriented Development, Vertical and Horizontal Scalability, Load Balancing, Database Sharding, Microservices architecture.
Frontend Development Tools & Technologies	HTML, CSS, BOOTSTRAP, JAVASCRIPT, AJAX, JQUERY, React, Redux, Vue
Backend & API Development Tools & Technologies	PHP, SYMFONY, LARAVEL, WORDPRESS, NodeJS, Passport, JWt auth, PHPStorm, Postman, Java, Spring boot Servlet et reactive, RabbitMQ, Memcached, Redis
Mobile Application Developement Tools & Technologies (Android)	JAVA, React Native, Flutter, Android Studio
Desktop Application Developement Tools & Technologies	C, JAVA, VISUAL BASIC, PYTHON, ELECTRON
Unit & Integration Testing Tools & Technologies	PHPUnit, Laravel Dusk, Jest, Cucumber
Third party APIs Integration	RESTFUL API, Firebase API, Google services API (Google Map, Google Analytics), Stripe API, Paypal API, Braintree API, ADMOB, Twilio, OceanicSMS, Sendpulse
Modeling tools & technologies	UML 2.5, Visul Paradigm, Microsoft Visio
Database	MYSQL, SQLITE, SQL SERVER, PostgreSQL, MONGODB
Versionning	Git Flow, Git , Github Desktop, SourceTree, Sublime Merge, Gitlab, Github, Bitbucket
DevOps	Docker, Vagrant, Chef, Ansible, Puppet
Big Data et Data analysis	R, Python, R Studio, PyCharm

13. Language : (1 –Good ; 2- Medium ; 3 – Basic)

Language	Read	Spoken	Written
French	1	1	1
English	1	1	1

14. Hobbies :

Mindfullness – Music – Role games – Cinema