Resume

1. **Family name** Kedja
2. **First name** Serge
3. **Date of birth** 11/5/86 Port-Bouet (Côte d'Ivoire)
4. **Nationality** Côte d'Ivoire
5. **Civil status** Married life
6. **Education**

Years	*Institution*	*Degree(s) or Diploma(s) obtained*
2017-2018	Bournemouth University, United Kingdom	MSc Information Technology
2004-2011	Abderrahmane Mira University of Bejaia, Algeria	State Engineer in Computing,option of Advanced Information Systems

7. **Language skills**

Language	*Reading*	*Speaking*	*Writing*
French	5	5	5
English	5	4	5
German	1	1	1

8. **Member of a professional organization**

Nitidæ

9. **Current position** ICT Business Developer and Manager of the N'kalô development / Agriculture & Market / Côte d'Ivoire
10. **Years of experience** 13 years
11. **Key qualifications**

Enterprise information systems Development and operation of enterprise information systems (web and databases).

IT projects Design, implementation and management of IT projects (studies, development and optimization of services, etc.)

12. **Professional experience**

Dates	*Location*	*Company*	*Position*	*Description*
Since January 2019	Ivory Coast	Nitidæ	ICT Business Developer	In charge of the development of N'kalô service in Africa and mobile technologies. Lead of the commercial, technical development and operation of different information systems mobilizing ICT. Provision of services, communication and relations with the partners of the association.
January 2017 - January 2019	Ivory Coast, United Kingdom	Independent Consultant	ICT for Development (ICT4D) expert	Expertise in ICT for Development (ICT4D) in West Africa specialized in agriculture (ICT4Ag). Provision of ICT services (software, equipment, networks), Studies and evaluations.
January 2016 – January 2017	Netherlands	Technical centre for Agricultural and Rural Cooperation (CTA)	ICT for Agriculture intern	Technical and managerial support in design and implementation of online resources (Apps4Ag database and ICT4Ag web portal).Expertise in Information and Communication Technologies for Development (ICT4D).Support of various ICT related activities.

September 2013 – May 2016	Ivory Coast, Mali, Burkina Faso	RONGEAD (current Nitidæ)	Consultant – IT Manager	Management and administration of the technological infrastructures and third-party services used for RONGEAD's services (market information system, geo referencing, data collection), technology monitoring and market research, project design and management (development of projects' ICT components, mobile application deployment pilots, training, impact studies and evaluations), Communication and Marketing (social networks, websites, communication media, dissemination), Business process development and optimization.
March 2013 – september 2013	Ivory Coast	RONGEAD (current Nitidæ)	Junior Consultant	"Development of ICT solutions adapted to the rural environment in Ivory Coast". Comparative study of tools developed in Africa (relevance, costs, economic model, acceptance by beneficiaries ...), implementation of information dissemination solutions (SMS, USSD, IVR, voice messages and feedback/survey tools)
July 2012 – January 2013	Ivory Coast	Equipe PRO Ingénierie & Conseils / Baleine Informatique et Services	Junior Consultant	Marketing / promotion / sale of SIGMUND software, Training of HR managers in the use of SIGMUND evaluation tools, Audit of computerized systems, Piloting of the preliminary phases of IT projects (Needs and Feasibility Analysis, Functional Specification and Architectural Design), Engineering and integration of IT tools and information technologies (websites, e-commerce).
				SPECIFIC EXPERIENCE
May 2018 – September 2018	United Kingdom, Ivory Coast	Bournemouth University	MSc Information Technology Student	Master research: Business process management for small and medium enterprises – Modelling and Simulation of cashew semi-automated processing.Tools used: Bizagi Modeler, Bizagi Studio, BPMN 2.0
April 2017 – September 2017	Ivory Coast, Netherlands	CTA	ICT for agriculture expert	Product lead for Apps4Agdatabase and ICT4Ag portal. Management of the development and deployment of online resources, data collection and analysis on ICT enabled activities for agriculture, case studies, etc.
June 2017	Ivory Coast	Atlanta Insurance Non-life	Computing engineer	Delivery and configuration of computing and phone system (computers, software, printers, supplies, network and systems settings)
November 2016	Ivory Coast	Africa Web Festival	ICT for agriculture expert	Presentation "ICT for Agriculture - The ICT4Ag Revolution", Moderator of the "e-agriculture - Challenges and Opportunities" panel, Jury and Coach for the hackathon.
November 2016	Burkina Faso, Netherlands	CTA	ICT for agriculture expert	Organisation of the Regional Conference on Grain Trade in West Africa – Management of ICT sessions and "Plug & Play" innovations showcase event (selection and contact of participants, travel and accommodation management, activities schedule, post-event evaluation and follow-up).
October 2016	Netherlands	CTA	ICT for agriculture expert	Member of the 2016's Pitch Agri-hack pre-selection jury. Evaluation of competing initiatives (added value, degree of innovation, development stage, potential for adoption, expected impact, sustainability).
October 2016	Burkina Faso	Lutheran World Relief (LWR)	Product lead	Technical proposal and proof of concept for the development of a multi-component ICT HUB for agricultural stakeholder in Niger and Burkina Faso (Knowledge base with integrated search engine for Text and media, toolbox for data collection / storage / processing / reporting, online community forum).
June 2016	Netherlands	CTA	ICT for agriculture expert	Organisation of the Workshop Experience Sharing on ICT4Ag
February 2016	Spain	Independent	Consultant	Prospecting and technology watch at the Mobile World Congress. Identification of potential partnerships and technologies relevant to CTA projects and other possible institutions.
November 2015 – March 2016	Ivory Coast, Netherlands	Joint Research Centre (JRC)	ICT for agriculture expert	Desk study and evaluation of food price collection methods in West Africa for the Joint Research Centre of the European Union (JRC). Interviews of selected actors, report and recommendations.
July-December 2015	Ivory Coast	Bayer Crop Science Ivory Coast	Com & Marketing services provider	Provision of bulk SMS broadcasting services (message contents, dissemination tools, consolidation and optimization of the prospect directory), impact surveys and evaluation of the SMS dissemination strategy.

September 2014 – October 2015	Ivory Coast, Mali, Burkina Faso	CTA	ICT for agriculture expert	For the N'Kalô market information service and as part of a € 100,000 grant from CTA - (i) Establishment of value-added services with mobile network operators in 3 countries, (ii) the development of viable business models with them; and (iii) the conduct of pilot tests on the appropriate technological solutions, their optimization and their deployment. Contributed to the proposal that received the funding.
October 2013 – December 2015	Ivory Coast	SAP GmBH	Technical assistant	Test, evaluate and improve the Rural Sourcing Management, a stock management software with mobile and PC versions, developed by SAP and dedicated to producer organisations (cooperatives). Users training, feedback from users and support in the functional and UX design of the product.
March – November 2011	Algeria	Abderrahmane Mira University of Bejaia	Engineer Student	Master thesis: Distributed databases with MS SQL Server – Management of LMD students*Tools used*:* SQL Server 2005, Visual Studio 2010, PowerDesigner 15, iSpring 5, Packet Tracer, Oracle VM VirtualBox

13. Publications

- Publication: Les quatre piliers d'un environnement TIC dynamique ; ICT Update # 85, CTA (2017)
- Contributor : Zeug H; Zeug G; Bielski C; Solano Hermosilla G; M`barek R.; Innovative Food Price Collection in Developing Countries; Publications Office of the European Union (2017)
- Contributeur : « Réponse vocale interactive (RVI) et radio pour des informations sur les marchés» dans « TIC et agriculture: Tirer les enseignements de l'expérience » ; CTA (2017)
- Publication: «Improving sales strategies for the cashew market »;ICT Update # 77, CTA (2014)
- Publication: « N'Kalô, le service d'information et de conseils agricoles en Afrique de l'Ouest et Centrale» ; Inter-Réseaux (2014)

14. Seminars/Workshop

- Presentation : « La diffusion d'information à haute valeur ajoutée via les TIC : l'exemple du service N'Kalô». Conférence Internationale ICT4Ag, CTA (Kigali, Rwanda, 2013).

15. Computer sciences skills

**Academic training, high-level user **
Scientific Research Methods, Design/development/management of database systems (Oracle), IT Management, Usability engineering, Process oriented requirements engineering, Information systems, Web systems, Software engineering (design, implementation and deployment), Computer systems architecture (hardware, software, network), Information engineering (qualitative and quantitative analysis, statistics, modelling and simulation), CAM (Adobe CC suite), Multimedia (sound, picture, video, infographics), Desktop tools (MS Office suite).

Other relevant information

References:
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