

# OURA Olivier Baudouin

Update: October 2020

**Profile:** Senior developer

**Experience:** 10 years

## Personal information

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Gender:	Male
Nationality:	Ivorian
Date and place of birth:	April 27, 1987 at DABOU
Marital status:	Married - three (3) children
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## Current activity

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Since 08/2020 – KYRIA Consultancy Services Ltd

**Backend developer consultant: Support to the project team for the development of modules and functionalities for accounting software**

Since 10/2018 – Minlessika Ltd

**CEO & Software architect**

## Area of expertise

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- Project management
- Software architecture
- Research and development
- DevOps
- Multi-Agent Systems (MAS)
- Relational databases
- Technology watch

## Personal qualities

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Innovation / Rigor / Autonomy / Good abstraction and synthesis skills / Pedagogy

## Major skills

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- Java
- SQL
- UML

## Tools

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- Git
- GitHub / GitLab
- Maven
- Eclipse / Papyrus

## OS

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- Mac
- Linux
- Windows

## Methodology

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- Scrum
- TDD
- DDD / SQL Speaking Objects / Elegant Objects / Objects thinking

## Research Master Thesis

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Master in Databases and Software Engineering

**TOPIC: Detection of SNPS in Plasmodium Falciparum parasites: Contribution of multi-agent systems (MAS).**

Mathematics and Computer Science. University Félix Houphouët-Boigny, 2019.

Publicly defended the 2020/03/03

at [Abidjan](#), at [Mathematics and Computer Science Training and Research Unit \(Cocody\)](#), in partnership with the [Research Institute of Applied Mathematics \(IRMA - Côte d'Ivoire\)](#). [Applied Mathematics and Computing Laboratory](#).

Under the direction of Mr. [ASSOHOUN Stanislas](#).

The president of the Jury was Mr. [ADOU Kablan Jérôme](#).

The jury was composed of [ADOU Kablan Jérôme](#), [COULIBALY Adama](#), [ASSOHOUN Stanislas](#).

The supervisor was Mr. [COULIBALY Adama](#).

Thesis accepted with highest honors

## Professional experiences

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### Backend developer consultant

Since 08/2020 (3 months)

KYRIA Consultancy Services Ltd : Advice, Strategy and IT achievement – Côte d'Ivoire (Abidjan)

#### Achievements:

- Support to the project team for the development of modules and functionalities for accounting software.

**Technical environment:** Java 11 / Mockito / Junit 5 / DDD / Hexagonal architecture / Git / GitLab / JIRA / Maven / TDD / SCRUM

### CEO & Software architect

Since 10/2018 (2 years 1 month)

Minlessika Ltd: Solution integrator – Côte d'Ivoire (Abidjan)

#### Achievements:

- Development of software architecture, prototyping and development of the [Minlessika platform](#), platform for supervision of electric meters, remote IT project management and online general accounting management with integration of Mobile money, Visa and MasterCard payment methods;
- Setting up of a DevOps environment for the company;
- Implementation of a stock market simulator using multi-agent systems with the JADE Framework.

#### Results obtained:

- Development of the Minlessika platform in a 3-tier architecture in a SaaS model;
- Collaborative and agile development (SCRUM), and automation of the entire testing and deployment process.

**Technical environment:** Java 8 / Web services REST / XSLT 2 / HTML5 / JavaScript / AngularJS 1.6 / Bootstrap 4 / Swing / SQL / PostgreSQL 9.4 / Takes framework / BIRT (Business Intelligence and Reporting Tools) / Web sockets / Docker / Git / GitLab / GitLab CI / Linux Debian 8 / JUnit 4 / Papyrus / SSL / Maven / Eclipse Photon / MobaXterm / TDD / SCRUM / JADE

### Software architect consultant

06/2020 – 07/2020 (2 months)

Independent : Security of bank card payments – Côte d'Ivoire (Abidjan)

#### Achievements :

- Prototyping [Surati platform](#) for prevention and detection of bank card fraud and risk control in collaboration with the consultant and independent researcher Amon ETTIEN, Ph.D. in Computer Science (University Paris 6).

**Technical environment:** Java 8 / Android Studio / Eclipse Photon / Junit 4 / Web services REST / HTML5 / CSS 3 / JavaScript / XSLT / Tacit / Bootstrap 3 / SQL / PostgreSQL 9.3 / Takes framework / Git / GitHub / Linux Debian 10 / Papyrus / SSL / Maven / MobaXterm / TDD / SCRUM

### Intern researcher (Research Master's project)

09/2019 – 02/2020 (6 months)

Félix Houphouët-Boigny University : Applied Mathematics and Computing Laboratory (LMAI) – IRMA – Côte d'Ivoire (Abidjan)

#### Achievements :

- Design and implementation of a software for contribution of Multi-Agent Systems (MAS) in the detection of SNPs (point genetic mutations) in Plasmodium Falciparum parasites.

**Technical environment:** Java 8 / Jade / Swing / Maven / Git / GitHub / JUnit 4 / XChart

### CEO & Software architect

01/2017 – 08/2018 (1 year 8 months)

LightPro Ltd: Research and development (R&D) – Côte d'Ivoire (Abidjan)

#### Achievements:

- Development of the software architecture, prototyping and development of the LightPro platform composed of the Accounting, Sales, Purchasing, Points of sale, Stock Management and Hotel modules;
- Setting up of a DevOps environment for the company.

#### Results obtained:

- Development of the LightPro platform in the form of ERP in a 3-tier architecture in SaaS mode;

- Collaborative and agile development (SCRUM), and automation of the entire testing and deployment process.

**Technical environment:** Java 8 / Web services REST / HTML5 / JavaScript / AngularJS 1.3 / Bootstrap 3 / SQL / PostgreSQL 9.3 / BIRT (Business Intelligence and Reporting Tools) / Tomcat / Git / GitLab / GitLab CI / Linux Debian 8 / Junit 4 / Papyrus / SSL / Maven / Eclipse Neon / MobaXterm / TDD / SCRUM

## Senior developer consultant

08/2016 – 12/2016 (5 months)

SNTS-CI Ltd: Smart watches, child safety – Côte d'Ivoire (Abidjan)

### Achievements:

- Development of software architecture, development and deployment of the company's smart watch sales platform.

### Results obtained:

- Sales by agents at points of sale or in the field and real-time monitoring of turnover by managers from their computers and smartphones.

**Technical environment:** C# / Web services REST (WCF) / Entity Framework / HTML5 / CSS 3 / JavaScript / AngularJS 1.3 / Bootstrap 3 / SQL Server 2012 / Windows Server 2012 / IIS / SSL / Visual Studio 2015

## Documentary systems engineer

09/2015 – 06/2016 (10 months)

DIP SYSTEMES AFRIQUE Ltd: Integrator of electronic archiving and EDM solutions, leader of electronic archiving in West Africa – Côte d'Ivoire (Abidjan)

### Achievements:

- Understanding of the software architecture and development methods used in the e-Dip Capture suite, an electronic archiving solution designed by the company and quick handling without assistance;
- Deployment of e-Dip Capture to PETRO IVOIRE and the DEPOM department (ORANGE CI);
- Incident monitoring and intervention on e-Dip Capture modules at NESTLE-CI, CIE and GS2E;
- Modernization of development methods and environment ;
- Maintenance and evolution on e-Dip Capture modules.

### Results obtained:

- Easy maintenance and easy evolution of e-Dip Capture modules.

**Technical environment:** C# / Windows Forms / TFS (Team Foundation Server) / SQL Server 2008 R2 / Visual Studio 2013 / Web services SOAP (HTTP et TCP)

## Development support engineer

02/2014 – 08/2015 (1 year 7 months)

INEXA Ltd: Integrator of health insurance and finance solutions – Côte d'Ivoire (Abidjan)

### Achievements:

- Development of the software architecture, prototyping and development of Atlantis ERP specializing in the management of a health system, composed of modules Hospital, Pharmacy, Insurance system, Cash, Accounting, General Resources, Stock Management, Purchases & Supplies;
- Design of software architecture and development of Atlantis Assurance System platform in SaaS mode;
- Leading a development team of nine (9) people;
- Professional training of the developer team of General banana society (SOGB) in C # and AngularJS.

### Results obtained:

- Production of Atlantis ERP at the MUDCI (Mutual of custom house, Côte d'Ivoire) and MADGI (Mutual of General Directorate of Taxes Agents);
- Successful online test deployment of Atlantis Assurance System platform in SaaS mode on a dedicated server.

**Technical environment:** C# / Web services REST (WCF) / Entity Framework / HTML5 / CSS 3 / JavaScript / AngularJS 1.2 / Bootstrap 3 / SQL Server 2012 / PostgreSQL / Windows Server 2012 / IIS / SSL / Visual Studio 2013

## Expert Advisors (EA) developer

05/2013 – 01/2014 (9 months)

Independent: Forex – Côte d'Ivoire (Abidjan)

### Achievements:

- Development of EAs on the Metatrader 4 platform for scalping EUR / USD markets.

### Results obtained:

- Evaluation of EAs designed on test environments and on a real account.

**Technical environment:** MQL4 / Metatrader 4

## Junior developer consultant

08/2012 – 04/2013 (9 months)

PTU-MG Ltd: Security of means of payment – Côte d'Ivoire (Abidjan)

### Achievements:

- Deployment and monitoring of incidents of Vigilance Check v1.0, check management and printing application, at CDCI, distribution company;
- Design of software architecture, development and deployment of GAP v1.0, platform for payment by check and bank transfer at the General Payroll of the Treasury (PGT) of Côte d'Ivoire;
- Design and development of the graphical configuration tool for text zones on a scanned check.

### Results obtained:

- Easy configuration of a new check template and accuracy of printing on a check;
- The PGT obtains the 1st prize for technological innovation 2013 of the Treasury for the efficiency of payments.

**Technical environment:** C# / Entity Framework / Windows Forms / Subversion / Oracle 10g / MySQL5 / Visual Studio 2010 / check scanner (Sylver Bullet Technology)

## C++ developer

05/2011 – 07/2012 (1 year 3 months)

Independent: Hotel complex management software package – Côte d'Ivoire (Yamoussoukro - Abidjan)

### Achievements:

- Design of software architecture and development of ERP Hotel Manager Plus ERP for the management of hotel complexes, composed of Administration, Reception, Restaurant, Bar and Accounting modules.

### Results obtained:

- Client-server architecture;
- Successful test deployment of ERP modules on separate machines.

**Technical environment:** C++ / SQL / Qt / MySQL 5

## Intern engineer (End of study project)

07/2011 – 12/2011 (6 months)

INP-HB: Department of Training and Research in Electrical and Electronic Engineering (DFR-GEE) – Côte d'Ivoire (Yamoussoukro)

### Achievements:

- Design and implementation of a software for optimal evaluation of electrical power in an industrial installation.

### Results obtained:

- Works received with high honors.

**Technical environment:** C++ / SQL / Qt / MS Access 2010

## Intern engineer (Internal project)

10/2010 – 03/2011 (6 months)

INP-HB: Department of Training and Research in Electrical and Electronic Engineering (DFR-GEE) – Côte d'Ivoire (Yamoussoukro)

### Achievements:

- Design and implementation of a software for companies' electrical bill.

### Results obtained:

- Works received with honorable.

**Technical environment:** C++ / Qt

## Academic background

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Year	Diplomas and Training
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2019	Master 2 Databases and Software Engineering, with high honors – University Félix Houphouët-Boigny (UFHB) / Mathematics and Computer Science Training and Research Unit (Abidjan, Côte d'Ivoire)
2018	Master 2 Databases and Software Engineering, with honors – University Félix Houphouët-Boigny (UFHB) / Mathematics and Computer Science Training and Research Unit (Abidjan, Côte d'Ivoire)
2012	Electrical engineer, with high honors – National Polytechnic Institute Houphouët-Boigny (INP-HB) / Department of Training and Research in Electrical and Electronic Engineering (Yamoussoukro, Côte d'Ivoire)

## Professional training

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- **ITIL** ♦ UFR Maths-Info, Abidjan ♦ from september to october 2019
- **ORACLE** ♦ UFR Maths-Info, Abidjan ♦ from november to december 2019
- **Dynamics CRM** ♦ INEXA, Abidjan ♦ december 2014
- **Team Foundation Server** (TFS) ♦ Microsoft, Abidjan ♦ november 2014

## Languages

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<b>French</b>	Native
<b>English</b>	Intermediate