

# NGUIMFACK NKENGFACK Donald Blondin

## Senior Software Developer | Junior Architect

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🏠 BOCOM Ndobu, Bonaberi  
Douala - Cameroon

🔗 [https://lebigdonald.github.io/  
portfolio](https://lebigdonald.github.io/portfolio)

📄 Open to remote work

📞 +237 6 97 65 70 64

Innovative and performance-driven software engineer with experience designing, developing, and deploying scalable web and mobile applications. Proven team management skills, DevOps practices, and delivering high-performance, secure systems using modern technologies. Open to remote and international opportunities.

## PROFESSIONAL EXPERIENCES

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Software Development Manager

Since March 2022 (3 years+)

**SUNSHINE Advisory** Bonanjo, Douala - Cameroun

- **SUNSHINECare – In Progress**

- Supervising a team of 5 people (4 developers, 1 PO) on analysis, design, development (front-end and back-end), testing, and deployment to staging.
- Built a distributed system based on microservices with ReactJS (NextJS).

**Technologies:** Java 21, Spring Boot Microservices, PostgreSQL, MongoDB, ReactJS, GitLab CI, VPS.

- **IAP (Interface Access Pay – Atlantique Assurance AFG)**

- Migrated the old version (BACM) to Java 21 and Spring Security 6, ensuring enhanced compatibility and security to more than **80%**.
- Integrated a MySQL database and optimized application performance via Spring Boot JPA.

**Technologies:** Java 21, Spring Boot (JPA, REST, Sécurité), MySQL, Thymeleaf, Tomcat, IntelliJ, GitLab CI.

- **CAMWATER – Water Meter Reading**

- Supervised a team of 6 people (4 developers, 2 POs) on analysis, design, development (front-end and back-end), testing, and production deployment.
- Built a distributed system based on microservices with ReactJS (NextJS) on the client side and React Native for mobile.

**Technologies:** Java 21, Spring Boot Microservices, PostgreSQL, ReactJS, React Native, GitLab CI, SonarQube, VPS.

- **CI/CD Setup for All Projects**

- Automated build, testing, containerization, and deployment processes in Docker environments reducing deployment time to **50%**
- Integrated SonarQube for code analysis and Jenkins for CI/CD orchestration.

**Technologies:** GitLab CI, Jenkins, Docker, SonarQube, Docker Hub, Jira.

- **SISEPCAM-FINEX (Integrated System for Monitoring and Evaluation of Externally Funded Projects)**

- Led a team of 5 developers + 1 PO, from business analysis to production deployment.
- Built a modular application based on Angular 17 and Spring Boot microservices.

**Technologies:** Java 11, Spring Boot Microservices, PostgreSQL, Angular 17, Jenkins, VPS.

- **"Eau De Vie Lounge" Website – Reservation and Online Payment**

- Developed a showcase website with a reservation system and secure payment module.
- Full development: analysis, design, database, back-end, front-end, and production deployment.

**Technologies:** PHP 8.0, Angular 14, MySQL, Apache, GitLab, Trello, Postman.

- **IAP (Banque Atlantique du Cameroun – BACM)**

- Developed a payroll interfacing application with access control, from analysis to deployment.
- Used Java 11, Spring Boot, Oracle DB to ensure data integrity and performance.

**Technologies:** Java 11, Spring Boot, Oracle, Thymeleaf, GitLab CI, Jenkins, SonarQube.

- **COOPAD (Autonomous Port of Douala – PAD)**

- Designed and developed an internal management platform for the PAD cooperative.
- Managed the entire software development lifecycle: analysis, database, full-stack development, testing, and go-live.

**Technologies:** PHP 8.0, Laravel, MySQL, Apache, GitLab, Trello, Postman.

## PROFESSIONAL EXPERIENCES

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Senior Software Development Consultant

Since December 2022 **(2 years+)**

**Evolv IZSoftwares Group Ltd.** Nairobi - Kenya

- **PayZen – Payment Integration**

- Diagnosed and fixed critical bugs related to the integration of the PayZen payment gateway on multiple client platforms.
- Proposed and tested various solutions, with systematic implementation of error handling mechanisms using try-catch and logs to improve traceability by **60%**.

**Technologies:** PHP 7.2, HTML5, CSS3.

- **Nucleus – Migration and Microservices Development**

- Led the **complete migration** of the Hospital, Notification, and Storage services from **Kotlin to Java**, improving maintainability and application performance by over **40%**.
- Developed and integrated robust and scalable microservices in Spring Cloud with REST architecture and built-in security, boosting maintenance and performance efficiency by 50%.
- Worked closely with cross-functional teams (Product Manager, UX/UI, DevOps, and Developers) to **ensure smooth integration with existing systems** by **20%**.
- Conducted **code reviews** and provided **technical mentorship**, sharing best practices in clean code and modular design, reducing PR ticket resolution time by **30%**.
- Designed and developed the **Workforce Analytics** interface, enhancing decision-making by 40% through visualization of strategic HR data.

**Technologies:** Java 17/21, Kotlin, Spring Boot (REST, Sécurité, Microservices, Gateway, Config Server), Maven, ReactJS (NextJS), VueJS (Nuxt), MongoDB, PostgreSQL, Docker, SonarQube, Jira, GitHub, Bitbucket.

PHP Software Developer

From April 2022 to October 2022 **(6 months)**

**Blue Window LTD** Bonaberi, Douala - Cameroun

- **RBO & iGaming Models – Back-end & Front-end**

- Resolved **critical back-end system bugs**, reducing downtime by **30%**.
- **Optimized SQL queries**, improving data execution performance by **40%**.
- Collaborated on **code refactoring**, increasing maintainability and code quality by **40%**.
- Actively participated in **Agile meetings** (daily stand-ups, sprint planning) to ensure timely feature delivery.
- Worked closely with the QA team to **identify and fix performance bottlenecks**, reducing response time by **50%**.
- Contributed to the **migration to a cloud infrastructure**, increasing **scalability** and reducing costs, cutting deployment time by **50%**.
- Collaborated with the product team to define priorities aligned with **business objectives**.

**Technologies:** PHP 5.5–7.4, HTML5, CSS3, JavaScript ES6, Apache, GitHub, Jira, Confluence, Jenkins, Scrum Poker, Cloudflare, Adobe XD, MockUp.

Senior Software Development Consultant

From July 2019 to December 2022 **(3 years+)**

**TAMCO Technologies** Deido, Douala - Cameroun

- **ERP OmegaMFI & O-Collect (OC-Classic, OC-Benskin)**

- **Led the full development** of two key solutions (ERP OmegaMFI and O-Collect) for financial management, significantly boosting the company's processing capacity and performance by over **65%**.
- **Managed the development team** throughout all phases: requirements analysis, software design, back-end/front-end development, testing, and deployment.
- **Collected client requirements** and designed customized software solutions aligned with their business processes.
- **Provided training and technical support** to end users, facilitating tool adoption and increasing customer satisfaction by over **45%**.
- **Authored and maintained comprehensive documentation**, including user guides and technical specifications, ensuring software sustainability and maintainability by over **75%**.

**Technologies:** PHP 7.2, Laravel, MySQL, ORM, Apache, PHPStorm, Trello, GitHub, Postman.

## PROFESSIONAL EXPERIENCES

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Mentoring & IT Consulting

Since January 2010 (**15 years+**)

### Freelance Cameroon

- Mentored **students and young professionals** on academic projects and career orientation, providing personalized guidance tailored to individual profiles.
- Supported the **digitalization of businesses** and resolved IT-related issues (both software and hardware).
- Managed **IT incidents**, ensuring **maximum productivity** and fast resolution for client companies.
- Deployed **IT solutions in collaboration with business teams**, improving internal processes.
- **Organized technical training sessions** (networking, maintenance, OS installation), helping strengthen the skills of young talents in the IT field.

## EDUCATION

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Bachelor of Technology in Software Engineering and Computing

From October 2018 to August 2019

**University Institut of the Coast** Logbessou, Douala - Cameroon

Diploma supervised by the **College of Technology (COT)** of the **University of Buea (UB)**

- Development of a **TEACHER EFFECTIVENESS RATING SYSTEM (TERS)**
- Design of a **STUDENT TRACKING AND RATING SYSTEM (STRS)**

Higher National Diploma (HND) in Software Engineering and Computing

From October 2016 to June 2018

**University Institut of the Coast** Akwa, Douala - Cameroon

- Development of an **ONLINE TELEPHONE DIRECTORY** for the final HND project.
- Mentorship of numerous Level I and Level II students.
- Part-time lecturer for certain Level I and Level II students.

Mathematics and Computer Science (MSc)

From October 2014 to August 2016

**University of Dschang** Dschang, West - Cameroon

## SOFTWARE DEVELOPMENT SKILLS

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### SYSTÈMES DE GESTION DE BASES DE DONNÉES

- MySQL Workbench et PHPMYAdmin
- Microsoft SQL Server 2005, 2008 et 2012
- PGAdmin4
- MongoDB Compass

**Knowledge of server administration using Docker Container files to configure the server**

**Knowledge of Development Operations (DevOps) and CI/CD using GitLab CI and Docker**

**Knowledge of development methodologies and Business Intelligence**

### BACK/FRONT-END PROGRAMMING LANGUAGES

- PHP (Laravel, Symfony, CakePHP)
- Java (Swing, SpringBoot)
- HTML5 et CSS3 (Bootstrap, Material, Foundation, AdminLTE)
- JS (jQuery) et TypeScript (Angular, React)
- Applications mobiles (PWA, Cordova, Java, Flutter)
- CMS (WordPress, Joomla, Shopware)
- Python (Django)

## SOFTWARE DEVELOPMENT SKILLS

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### SOFTWARE DEVELOPMENT PLANNING AND ANALYSIS

- Trello
- Jira
- Gantt Chart
- Visual Paradigm
- Windows Project
- Software Ideas Modelers

### IDEs

- JetBrains (Android Studio, PhpStorm, WebStorm, IntelliJ, PyCharm)
- Visual Studio Code, Atom, Sublime Text, and Dream Viewer
- NetBeans, CodeBocks and DevC++

### OTHER SOFTWARE AND TOOLS

- WAMPServer, XAMMP, and MAMP (Serveur Local)
- PhotoShop and Cancvas (Conception Graphique)
- Adobe XD and Figma (UX/UI)
- Microsoft Office Package and Power BI
- GitHub Desktop (Git)
- FileZilla (FTP)
- NodeJS

## PROFESSIONAL SKILLS

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**Hardware and software maintenance**

**Collaborative work**

**Quick adaptation and ability to work under pressure**

**Developed technical and academic skills**

## ASSETS

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**Innovative, proactive, and adaptable**

**Dynamic and punctual**

**Team player and strong interpersonal skills**

## INTERESTS

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**Culturalism and Tourism**

**Mentoring (Teaching) and Lectures**

**Programming and Research**

## LANGUAGES

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**English**

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**French**

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## SOCIAL NETWORKS

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 @donald-nkengfack

 @lebigdonald

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## REFERENCES

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