

Collins HAYA - Java Software Engineer

Java Backend Engineer with **6 certifications** and **3 years** of professional experience in backend development and IT support. Skilled in **Java, SQL and RESTful services**. Developed and optimized **12+ backend solutions**, contributing to secure and efficient systems that enhance business operations. Experienced in delivering high-quality code and maintaining rigorous performance standards while collaborating with cross-functional international teams across the **USA, Europe, and Africa**. Strong sense of ownership, with a track record of resolving complex issues on schedule, consistently contributing to the success of both team and project goals.

WORK EXPERIENCE

Freelance

Cotonou, BENIN

Independent software developer specializing in **educational platforms, business process automation, and data management solutions** with a focus on **scalable and efficient applications** for institutions and enterprises.

- Architected and deployed a comprehensive student management platform for ESSF University serving **3,000+ users** across **4** distinct roles (students, administrators, professors, parents), resulting in **70%** reduction in administrative processing time and **90%** improvement in communication efficiency.
- Led a data engineering team of **4** in creating a **Neo4J graph database** management system integrating **Python automation** and **Cypher queries**, processing **50,000+** records from web-scraped datasets, supporting **3** concurrent data analysts with **60%** faster data integration time.
- Designed and implemented **OneClick DialSync Bénin**, a **Progressive Web App** handling phone number format migration, processing **1,000** contacts in under **400ms** with **65/100** Lighthouse performance score, serving **400+** users across Benin with zero data privacy incidents.
- Collaborated with a team of **3** developers and **2** UX designers to engineer a **customer order management system** for **Graines du Tropique** (agribusiness) using **AJAX, JAVA** and **MySQL**, processing **500+** daily orders and serving **12+** staff members across **3** locations, while improving order fulfillment accuracy by **85%**.
- Developed a **showcase website** for **ESSF University** using **HTML, CSS, JavaScript, and PHP**, leading to a **45%** increase in student enrollment inquiries and reducing information request response time by **65%**.

Tech Stack: *Neo4j, Python, JAVA, AJAX, jQuery, Git, REST APIs, HTML5, CSS3, JavaScript (ES2023+), PHP, MySQL, Progressive Web Apps, Graph Databases, Cypher Query Language*

CONTACT DETAILS

collinshaya@gmail.com

[LinkedIn](#)

[GitHub](#)

Cotonou, BENIN (open to relocate)

SKILLS

Backend: Java, PHP, Python, SQL, MySQL, Neo4j, Cypher Query Language, Servlets, REST APIs, Spring Boot

Frontend: HTML5, CSS3, JavaScript (ES2023+), AJAX, jQuery- Responsive Web Design

Tools & Platforms: Git, GitHub, Docker, Azure DevOps, AWS Lambda

Development Methodology: M Agile, Test-Driven Development, CI/CD

REFERENCES

- *Benoit HOUNDENOU*

CEO, Graine du Tropique

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Email: benhundenou@gmail.com

- *ADJALLA Charlemagne*

Assistant Director, New Vision Group

Phone: (+229) 01 61 78 51 57

Email: nkpoue01@gmail.com

LANGUAGES

English, fluent
French, native
German, beginner

EDUCATION

École Supérieure Sainte Félicité

Godomey, BENIN

Bachelor of Science in Computer Science and Engineering

January 2021 – June 2023

*EU Blue Card eligible university & degree. **Top 10%** of my class.*

Learned about Web Development, Software Engineering, Algorithms and Databases

PROJECTS

Active contributor to open-source projects, focusing on code quality improvement, error handling, and documentation enhancement across multiple enterprise-level repositories.

- Enhanced **MyFinances** codebase by implementing **modular caching system** and **error handling framework**, reducing code duplication and improving maintainability score by **25%**.
- Architected **Scribe-Data** CLI error handling system for metadata validation, **preventing system crashes** while maintaining **99.9%** uptime and reducing runtime failures by **90%**.
- Designed and documented **Conda**'s channel cloning system and RSS feed integration, reducing support tickets and enabling **real-time package monitoring** for **3000+** users.

Tech Stack: *CLI Development, Error Handling, System Architecture, Technical Documentation*