

# 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

### *New Vision Group SA*

#### **Lokossa, BENIN**

### **JAVA Software Engineer**

**June 2024 – PRESENT**

New Vision Group SA, is a leading international tender response company specializing in social impact projects across West Africa and international trade.

- Designed and developed **SmartKitManager**, a Java-based logistics management system handling distribution of **50,000+** educational kits across **200+** schools in Benin and Cameroon for a Plan International project, reducing kit assembly errors by **25%** and improving distribution efficiency by **40%**.
- Created an **automated inventory synchronization** feature within SmartKitManager, reducing manual data entry by **75%** and enabling **real-time tracking** of items across multiple warehouses.
- Spearheaded the development of NVG's trilingual corporate website using **HTML5, CSS3, JavaScript** and **PHP**, implementing **responsive design and custom animations**, which increased international client engagement by **30%**.
- Optimized website performance through **advanced caching** and **lazy loading techniques**, resulting in a **60%** improvement in page load times and a **35%** increase in mobile user retention.

**Tech Stack:** *Java, Apache Tomcat, REST APIs, HTML5, CSS3, JavaScript, PHP, Git, MySQL*

### *Freelance*

#### **Cotonou, BENIN**

### **Software Developer**

**October 2021 - May 2024**

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.

## CONTACT DETAILS

[collinshaya@gmail.com](mailto: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 Tropicque

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- ADJALLA Charlemagne

Assistant Director, New Vision Group

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## LANGUAGES

**English**, fluent  
**German**, beginner  
**French**, native

- 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**

## 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**