



About Me

Backend-focused software developer with 5+ years of professional experience designing, developing, maintaining, and operating business-critical web applications and automation solutions. Strong experience with Java, Spring Boot, Java EE, REST APIs, microservices, API integration, Docker, Git, Jenkins, CI/CD, and database-backed applications. Experienced in technical conception and implementation of backend solutions, software architecture, API design, scalability, maintainability, reliability, and performance optimization. Proven ability to analyze technical requirements, develop maintainable solutions, integrate APIs, implement secure authentication and data flows, automate testing, troubleshoot production systems, and work effectively in Agile/Scrum teams. Experienced in knowledge sharing and mentoring developers, with a strong focus on software quality, continuous improvement, and practical technical problem solving.

Contact



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LANGUAGE SKILLS

1. German - B2
2. English - Native language
3. French - Native language

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WILFRIED NJOMAGNI NJOMI

SENIOR FULLSTACK DEVELOPER | JAVA
| REACT & NEXT JS , SPRING BOOT | REST
APIS | MICROSERVICES

AUTOMATION & INTEGRATION ENGINEER



PROFESSIONAL EXPERIENCE

(Present)

FREELANCE IT AUTOMATION & INTEGRATION ENGINEER — IBECO-SYSTEMS GMBH, GERMANY

1. Designed and operated production-grade automation workflows for SSL certificate provisioning using n8n and integrating PSW-Group services, CSR services, and Hetzner Cloud APIs.
2. Performed technical conception and implementation of automated backend workflows covering authentication, validation, API communication, data processing, monitoring, and cleanup.
3. Implemented webhooks, input validation, OAuth2 authentication, CSR generation, DNS validation, propagation checks, certificate-status polling, and automated cleanup processes.
4. Designed secure certificate-processing workflows with private keys isolated in a dedicated CSR service.
5. Migrated the CSR service from Cloudflare Tunnel to a Docker- and Portainer-based production deployment.
6. Developed a RustDesk-AnyDesk REST API adapter for TANSS without modifying the existing TANSS platform.
7. Implemented API authentication, JSON transformation, real-time device retrieval, and database-backed session synchronization.
8. Supported production deployment and operation using Docker, Portainer, Docker Hub, NetScaler, and Synology NAS.
9. Focused on maintainability, reliability, secure data flows, API integration, and operational stability



CORE TECHNICAL SKILLS

0.Frontend: React 6 Next.js, Vue.js, Java

1.Backend: Java, Spring Boot, Java EE, REST APIs, Microservices, JSON, API Design

2.Testing: JUnit, Postman, REST API Testing, Input Validation, Troubleshooting

3.Integration & Security: Webhooks, OAuth2, Bearer Tokens, API Integration, JSON Transformation, Secure Credential Handling

4.Infrastructure: Docker, Portainer, Docker Hub, Synology NAS, NetScaler, Cloud API Integration

5.DevOps: Git, Jenkins, CI/CD, Production Deployment, Agile, Scrum, Sprint Planning

6.Software Architecture: Microservices Architecture, Technical Conception, API Architecture, Scalability, Maintainability, Performance Optimization, Separation of Responsibilities

7.Databases & Data: PostgreSQL, SQL, Relational Databases, Database-Backed Applications, Data Synchronization, JSON Transformation

8.Methods: Agile, Scrum, Sprint Planning, Daily Stand-ups, Sprint Reviews, Team Collaboration, Technical Mentoring

9.Security & Integration: OAuth2, Bearer Tokens, Webhooks, API Authentication, Secure Credential Handling, API Integration

10.Development & Automation: n8n, Python, PHP, React, Next.js, Cloud API Integration



PROFESSIONAL EXPERIENCE

(2021 -2024)

SENIOR WEB DEVELOPER Mercury-Tech Cameroon

1. Developed, maintained, and supported 7+ business-critical web applications using Java, Spring Boot, and REST APIs.
2. Designed and implemented microservices architectures supporting maintainability, scalability, and separation of responsibilities.
3. Improved application performance by approximately 30% and reduced downtime by approximately 25%.
4. Created and maintained CI/CD pipelines using Jenkins and Git.
5. Worked in Agile/Scrum processes including sprint planning, daily stand-ups, sprint reviews, and team collaboration.
6. Provided technical support, troubleshooting, and mentoring for junior developers.
7. Used Postman for REST API testing and JUnit for automated Java testing.

(2020-2021)

WEB APPLICATION DEVELOPMENT LECTURER

MERCURY-TECH, YAOUNDÉ, CAMEROON

1. Trained full-stack development participants in Java EE, REST APIs, microservices, Python, and PHP.
2. Explained backend development, application architecture, API integration, and software development practices.
3. Optimized application architectures and achieved response-time improvements of up to approximately 35%.
4. Supported learners through technical guidance, practical exercises, and knowledge sharing.



EDUCATION

(2018 -2021)

ICT UNIVERSITY, YAOUNDÉ, CAMEROON

Bachelor of Computer Science