



Yoann Christophe SACHOT

ID: AFM6TXJ02 | **Date of birth:** 19/09/1986 | **Place of birth:** Epinal, France |

Nationality: French | **Gender:** Male | **Phone number:** (+33) 645665547 (Mobile) |

Email address: yosachot@gmail.com |

Address: 4 rue Gabriel Pierné, 57000, Metz, France (Home)

WORK EXPERIENCE

01/08/2023 – CURRENT Metz, France

WEB & MOBILE DEVELOPER JIXTER

- **Design and development** of a Java 21 API (Spring Boot Webflux) containerized with Docker, connected to DynamoDB via the AWS SDK Enhanced Client. Implementation of RESTful controllers, DTOs, business services, global error handling, and a leaderboard system. Integration with a Flutter application through secured endpoints, management of question/answer data, educational resources, and generation of validated answers.
- **Implementation of backends integrating AI solutions** (GPT, Claude, Dall-e): writing and optimization of prompts, content creation (video, text), filtering and adjustment of responses.
- **Management and Maintenance of Cloud Infrastructures (DynamoDB, K3s, Docker) and Integration of External Services:**
 - **Infrastructure Automation with Ansible:**
 - **System Updates:** Developed and implemented Ansible playbooks to automate system updates, ensuring all servers are consistently patched and up-to-date.
 - **Package Management:** Automated the installation and configuration of essential packages, including Python libraries and system utilities, streamlining the setup process across multiple environments.
 - **Containerization and Orchestration:**
 - **Docker Deployment:** Utilized Ansible to install and configure Docker CE and its dependencies, ensuring a consistent and reproducible container runtime environment across all nodes.
 - **K3s Installation:** Automated the deployment of K3s, a lightweight Kubernetes distribution, facilitating efficient orchestration of containerized applications in resource-constrained environments.
 - **Helm Integration:** Implemented Helm via Ansible scripts to manage Kubernetes packages, simplifying the deployment and management of applications within the cluster.
 - **Ingress Controller Deployment:**
 - **Kong Installation:** Deployed the Kong ingress controller using Helm charts, enabling efficient routing and load balancing for services within the Kubernetes cluster.
 - **Ingress Configuration:** Configured ingress resources to manage external access to services, ensuring secure and controlled communication pathways.
 - **Application Deployment and Management:**
 - **Manifest Deployment:** Automated the deployment of Kubernetes manifests for applications, ensuring consistent and reliable rollout of services.
 - **Resource Allocation:** Defined resource requests and limits within deployment manifests to optimize application performance and ensure fair resource distribution among services.
 - **Health Probes:** Implemented liveness and readiness probes to monitor application health and availability, facilitating automatic recovery and scaling decisions.
 - **Continuous Integration and Deployment with GitHub Actions:**
 - **Docker Image Automation:** Developed GitHub Actions workflows to automate the building of Docker images upon code commits, ensuring that the latest application versions are consistently containerized.
 - **Automated Deployment:** Configured workflows to securely connect to production servers via SSH, pull the latest Docker images, and deploy them, streamlining the release process and reducing manual intervention.
 - **Integration with Docker Registries:** Utilized GitHub Actions to authenticate and push Docker images to container registries, facilitating seamless updates and rollbacks.
 - **External Services Integration:**
 - **AWS DynamoDB Connectivity:** Integrated AWS DynamoDB by managing credentials securely within Kubernetes secrets, enabling seamless interaction between applications and the database.

- **Environment Configuration:** Utilized environment variables and secret management to configure application settings dynamically, enhancing security and flexibility.
- **Monitoring and Maintenance:**
 - **System Verification:** Employed Ansible tasks to verify the successful installation and operation of components like Docker, K3s, and Helm, ensuring system integrity post-deployment.
 - **Continuous Monitoring:** Set up monitoring tools and dashboards to track system performance, resource utilization, and application health, enabling proactive maintenance and issue resolution.

01/01/2023 – 31/05/2023 Luxembourg, Luxembourg

JAVA DEVELOPER ING LUXEMBOURG

- EDM tool migration
- Services migration to Spring Boot

01/08/2021 – 31/12/2022 Strassen, Luxembourg

JAVA DEVELOPER LUXHUB

- Implementation of transaction detection and monitoring mechanisms (rules, scoring, workflows) to comply with AML, fraud and KYC regulations.
- Integration of sensitive data flows (banking transactions, payment histories, customer profiles) while ensuring confidentiality and security.
- Onboarding of new banks for the main application Analysis of each bank's functional and technical requirements (file structures, exchange protocols, SEPA and SWIFT payment formats, etc.).
- Configuration and customization of the architecture for integration (payment flow management, ISO 20022 compatibility, compliance rule settings).
- Java (11 & 17), Spring Boot, Spring Data, Spring Cloud Config, Spring Security: Design of secure, resilient and scalable microservices, covering the entire payment chain (initiation, validation, monitoring).
- Docker, MySQL, Vue.js, Load Balancer: Orchestration and deployment in a containerized environment, full-stack development for the front end (testing screens).
- Scrum, DevOps: Participation in the entire lifecycle (CI/CD, automated testing, monitoring) in a multi-disciplinary team, with short iterations to rapidly deliver new functionalities or respond to regulatory changes.

01/03/2019 – 30/07/2021 Luxembourg, Luxembourg

JAVA DEVELOPER SOCIÉTÉ GÉNÉRALE LUXEMBOURG

- Development of APIs linked to AIS/PIS flows within the framework of the PSD2 directive
- Implementation of APIs for account consultation (AIS) and payment initiation (PIS), enabling authorized TPPs (Third Party Providers) to access account data and initiate payments.
- Strict compliance with PSD2 security requirements (Strong Customer Authentication, consent management, OAuth2 tokens, eIDAS certificate management).
- ISO 20022, SEPA (credit transfers, direct debits), SWIFT (MT101, MT940...), and credit card batch processing.
- Implementation of SEPA instant and integration with the MULTILINE system for domestic and international payments.
- Monitoring and automation of reconciliation and reporting processes (bank reconciliation, generation of standard-compliant reporting files).
- Java 8, 11, 17, Maven, Git, Oracle SQL, PostgreSQL, SOAP, Jenkins, Docker, Implementation of a secure microservices architecture, industrialization via Jenkins, Docker containerization to facilitate deployments.
- Agile at Scale / Spotify Model, DevOps, CI/CD: Close collaboration with several functional squads (payments, compliance, core banking), continuous exchanges to refine requirements and deliver payment functionalities aligned with regulatory evolutions.

01/07/2018 – 28/02/2019 Luxembourg, Luxembourg

JAVA DEVELOPER SOCIÉTÉ GÉNÉRALE BANK & TRUST LUXEMBOURG

- Maintenance and creation of order management applications linked to Multifonds software data.
- Techs: Java Spring, Multifonds, AngularJS 1.5, Docker, Oracle PL/SQL
- Methodology: Agile at scale / Spotify model

01/07/2015 – 30/06/2018 Luxembourg, Luxembourg

JAVA AEM DEVELOPER CTIE LUXEMBOURG

- Development of Java 8-11 modules for Adobe Experience Manager, creation of data import scripts.
- Techs: AEM stack, OSGI, Sling, Sightly

- Development of an inter-regional statistical tool for hospital utilization within a monolithic hospital logistics application.
- Maintenance of existing modules.
- Techs: Java Spring, JPA, Maven, Oracle SQL, ActiveMQ, Jenkins, JUnit, Mantis

● EDUCATION AND TRAINING

01/11/2012 – 31/10/2014 Nancy, France

CERTIFICATION PROFESSIONNELLE DE NIVEAU 2 DE RESPONSABLE EN INGÉNIERIE DES LOGICIELS CESI
Entreprises, Nancy

Website <https://nancy.cesi.fr/> | **Level in EQF** EQF level 6

Bar-le-Duc, France

BTS EN INFORMATIQUE DE GESTION SPÉCIALITÉ DÉVELOPPEMENT Lycée Poincaré, Bar-le-Duc

Website <https://cite-poincare.monbureaunumerique.fr/> | **Level in EQF** EQF level 5

01/09/2005 – 30/06/2008 Neufchâteau, France

BACCALAURÉAT GÉNÉRAL SCIENTIFIQUE OPTION SCIENCES DE LA VIE ET DE LA TERRE Lycée Pierre et Marie Curie

Website <https://www.citescolaire-neufchateau.fr/>

● LANGUAGE SKILLS

Mother tongue(s): **FRENCH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
SPANISH	B1	B1	B1	B1	B1
GERMAN	A1	A1	A2	A2	A2
ESPERANTO	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Java | Spring Boot | API Restful | Microservices | Vuejs | Flutter | AEM | SQL | Maven | Oracle | Git | MySQL | PostgreSQL | ELK | JMS | Kafka | Docker | Spring Webflux | Spring Data | Spring Security | Spring Cloud Config | DynamoDB | MongoDB | Kubernetes | Github | Rust | Gitlab | Azure | AWS | Vaadin | AngularJS 1.5 | OSGi | Sling | Sightly | SOAP | OAuth2 | eIDAS certificate management | Prompt engineering | CI/CD | Scrum | Spotify Model | Windows | Linux | XML | XSD

Certifié conforme

Metz , 24/03/2025



Yoann Christophe
SACHOT