

EXPERIENCE		SKILLS
Feb 2023 May 2025	DEVOPS ENGINEER II Swisscom SA, Ch. de Mongevon 25, 1023 Crissier Technical Expertise - Development of BPMN-based applications using Java frameworks (Spring, NodeJS, React, Angular) - Implementation of authentication and authorization solutions (JWT, Keycloak, SSO) - Container management and orchestration (Docker, Kubernetes) - Cloud infrastructure deployment (Swisscom Enterprise Service Cloud, AWS) - Microservices architecture (RabbitMQ, MongoDB, KrakenD API Gateway) - CI/CD automation (GitLab, Jenkins, ArgoCD, Ansible, Kustomize) - Monitoring and alerting (Grafana, Prometheus) Key Responsibilities - Design, development, and maintenance of applications based on business needs - Implementation and optimization of DevOps practices in Swiss banking environment - Deployment management and risk analysis - Technical consulting and guidance on architecture choices - Technology watch and continuous professional development	Language: Java, NodeJS, JavaScript, TypeScript and Python Back-end Framework: Spring (Boot, Cloud, Security), NodeJS Express Front-end Technologies: React, NextJs, Angular, Angular Material UI, Bootstrap, HTML and CSS API Development : REST API, Swagger/OpenAPI Cloud Infrastructure: AWS Cloud, Swisscom Enterprise Service Cloud DevOps & CI/CD : Maven, Gradle, Docker, Kubernetes, GitLab, Jenkins, ArgoCD, Ansible, Terraform, Kustomize, Bash Scripting Authentication & Security: JWT, Keycloak, SSO, Spring Security Database: PostgreSQL, MS-SQL Server, MySQL, DynamoDB, MongoDB & Flyway migration Message Brokers & Gateways: RabbitMQ, KrakenD API Gateway Monitoring & Observability: Grafana, Prometheus Testing: JUnits5, TDD and Mockito Framework Architecture : Microservices, BPMN, Design Patterns, MVC Development Methodologies: Agile/Scrum, DevOps culture, SDLC, OOP Principles OS: Windows and Linux
Jan – Sep 2022	FULL-STACK ENGINEER AND DEVOPS Association lab4tech, Lausanne - Build tested and deployed scalable, highly available and modular CRM software product. - Virtualized the servers using the Docker for the test environment and dev-environments needed. And, configuration automation using Docker containers and Kubernetes - Expose the platform and application-level core APIs as RESTful web service and implement application workflows in rich user interface using Angular Java 11, Angular 12, JUnit 5, Spring MVC, Spring Boot, Spring Security (OAuth2, OpenID & AWS Cognito), Hibernate, PostgreSQL, Swagger, OpenAPI Swagger, AWS pipeline CI-CD (GitHub, Jenkins, Ansible, Bash, Splunk)	
Apr - Dec 2021	FULL STACK DEVELOPER & DEVOPS ENGINEER Freelance - Analyzed, designed, and developed critical business processes for a community relationship management system (CRMS) utilizing microservices architecture with Docker and Kubernetes containerization for scalability and maintainability. - Implemented new REST Service to retrieve the data of micro-services Java 11, Angular 12, Junit 5, spring 5.1 with spring boot 2.0, Hibernate, PostgreSQL, CI/CD (GitHub, Jenkins, Docker & Kubernetes) and AWS Cloud	
CERTIFICATION		
Certified Kubernetes Administrator (CKA) on progress		20255
AWS Certified DevOps Engineer - Professional		2022
AWS Certified Developer - Associate		2022
AWS Certified Cloud Practitioner		2022
LPI Linux Essentials		2022
Professional Scrum Master I		2020
Programming in C#		2020

July 2020 – Mar 2021 **SOFTWARE ENGINEER**
AdNovum Informatique SA – Lausanne

- Designed and integrated a digital maturity self-assessment tool for Swiss municipalities using agile methodologies, CI/CD principles, and collaborative platforms to seamlessly connect with existing customer systems.

Java 11, Spring Boot 2, Angular 12, REST API, Gradle, PostgreSQL, Docker, GoCD & Bitbucket

Jan 2018 – Dec 2019 **FULL STACK DEVELOPER**
Freelance, Lausanne

- Developed a comprehensive school management system that tracked student progress, facilitated teacher evaluations, and automated invoicing and payroll processes.

C#, .Net, WPF, UWP et ASP.net, HTML, CSS JavaScript, MS SQL Server

2014 -2017 **INSTRUCTOR IN CIRCUS ARTS**
Circus School of Lausanne, Renens

2015 **INTERN SOFTWARE DEVELOPMENT**
Association Lab4Tech, Lausanne

- Designed and developed a prototype stock management system implementing SCRUM methodologies to ensure agile delivery and effective stakeholder collaboration.

C#, .Net, WPF et MS-SQL Server 2012

2014 **SOFTWARE DEVELOPER SOCIAL CONTRAT**
EVAM, Lausanne

2013-2012 **VOLUNTEER INSTRUCTOR IN CIRCUS ARTS**
Circus School of Lezart'ique, VD St-Croix

EXPERIENCE IN ETHIOPIA

2008 - 2012 **SOFTWARE DEVELOPER AND PROJECT MANAGER**
AKILA PLC, Addis Ababa

- Develop and managed software development for government, NGO, and private sectors, leading small teams in creating HR, financial, and inventory management applications.

2008 **SENIOR SOFTWARE DEVELOPER**
SNAP Trading PLC, Addis Ababa

- Developed and implemented a comprehensive sales application with product tracking (after-sales service), CRM functionality, invoice management, inventory control, maintenance contract tracking, and internal resource skill mapping.

2005 - 2007 **IT SUPPORT AND JUNIOR DEVELOPER**
National tobacco enterprise S.C Addis Ababa

- Designed and implemented comprehensive full-stack applications for HRs and financial system.

EDUCATION

June 2020 **Recognized as equivalent to a Bachelor's degree computer engineering Issued by a Swiss university, Swiss ENIC, Switzerland**

August 2016 **Certificat de qualification en Français**
 UNIL Lausanne, Switzerland

Novembre 2010 **Interconnection Cisco Networking Devices 1 et 2 Vs 1.0,**
 ITSC Technology, Addis Ababa, Ethiopia

September 2002 - August 2007 **Bachelor of Science: Computer Science Engineering**
 St. Mary's University College, Addis Ababa, Ethiopia

CONTINUOUS EDUCATION

- AI, Machine Learning and Data Science with Python
- Spring Professional developer by spring.io
- Oracle university (Java 21), AWS Training and certification (security specialty)
- Instructor in circus arts, in National Circus School of Montreal, Canada [2019]

LANGUAGES

Amharic	Mother tongue
French	Excellent written and spoken
English	Excellent written and spoken

SOFT SKILLS

- Analytical & Adaptability mind
- Optimism, Self-awareness & Collaboration with the team
- Enthusiasm & dedication to learn
- Respectfulness & Honesty with well-developed work ethic

HOBBIES

- Practice circus arts and Gym
- Discover new Things
- Reading
- Music and cinema
- Share cultural and social life experience

REFERENCES

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 Adnovum, Lausanne