

ESSE JACQUES DANSOMON

Software Engineer & Junior DevSecOps Engineer



PERSONAL DETAILS

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PROFILE

I am a highly skilled Software Engineer with a Master Degree in Computer Science and extensive experience in both Frontend and Backend development. My expertise includes technologies such as HTML, CSS, JavaScript, Angular, React, Spring Boot, Node.js, Django, and more. I am proficient in working with various databases, DevOps tools, project management software, and CMS platforms. Additionally, I have knowledge in AI, Machine Learning, NLP, and UI/UX design. I am passionate about creating innovative and efficient software solutions to drive business success.

EDUCATION

Bachelor's Degree in Computer Science
INU Champollion d'Albi/Toulouse, Toulouse, France

Bachelor's Degree in Software Engineering, Networks, and Systems
ISM Digital-Campus, Dakar

Master in Digital Solutions Design and Development.
ISM Digital Campus, Dakar

CERTIFICATES

CCNA Routing and Switching: Introduction to Networks	Aug 2020
CCNA Routing and Switching: Routing and Switching Essentials	Sep 2021
Become a Blockchain Developer	Feb 2024

COURSES

Microservices and Distributed Systems
Build and deploy microservices, mastering modern software architecture techniques.
Link: <https://www.amigoscode.com/courses/microservices>

DevOps Engineer
This DevOps course covers Linux, Bash scripting, AWS, Git/GitHub, Maven, Jenkins, Python scripting, Ansible, Docker, Kubernetes, and Terraform, integrating these technologies through hands-on projects.
Link: <https://www.udemy.com/course/decodingdevops>

Mastering AWS: Practical Skills and Solutions Architecture

The Ultimate AWS Certified Cloud Practitioner CLF-C02 course teaches practical AWS skills and cloud service usage. The Ultimate AWS Certified Solutions Architect Associate SAA-C03 course focuses on practical AWS use, real-world application, and solution architecture.

SKILLS

Frontend : Html/Css/Js, Material UI, Angular, React, NextJs

Backend : java(Spring boot, Spring cloud), PHP (Symfony, Laravel), JS(NodeJs, ExpressJs, NestJs), Python(Django, Flask), .NET Framework, keycloak

Mobile : React Native, Flutter, SwiftUI

DevOps : Linux RedHat, AWS, DigitalOcean, Docker, Docker compose, Kubernetes, Jenkins, Sonarquebe, GitLab CiCd

IA: Pandas, NumPy, SkitLearn, Machine Learning, Deep Learning, NLP

DataBases: Sql(Sql Server, Oracle Sever, Postgres, MySql, MariaDB), NoSql(MongoDb)

CMS : WordPress, PrestaShop, Shopify

Project management : Jira, Trello, Asana, Agile, Scrum

UI/UX Design : Figma, AdobeXD, Canvas

EMPLOYMENT

Web & Mobile Development

Agence Cauris, Dakar, Senegal

Jan 2020 – Jan 2023

Design and development of a mobile application dedicated to listings, as well as the WanterMarket website, using a modern technological stack and meeting specific user needs.

Completion of around ten diverse development projects, ranging from e-commerce platforms to management applications, showcasing versatility in technology selection and the ability to understand and implement complex functionalities.

VPS Server Administration

Responsible for the administration of the agency's VPS server, ensuring optimal configuration, proactive monitoring, and efficient problem resolution, thereby ensuring continuous service availability.

Training and Client Management

Providing personalized training to clients to optimize their use of solutions. Proactively managing client relationships, ensuring their ongoing satisfaction, and promptly addressing their needs.

Software Engineer

AXONE SA, Dakar, Senegal

Aug 2022 – Present

As a Computer Engineer at AXONE SA, I played a central role in managing web projects that integrated APIs and Web Services. Here is an overview of my responsibilities and achievements:

Projects

1. Automation of the SENELEC's Single Window

- Technologies: Java (Spring), SOAP, GED, Angular, Hibernate, Liquibase, Lombok, Maven, PostgreSQL, CD/CI, Keycloak

- Achievements: Designed and developed an automated system, enhancing web development, project management, and teamwork skills.

2. Design and Development of a Mobile Bill Payment Application for AxonePay

- Technologies: Flutter, Provider, NestJS, Postgres, OrangeSmsAPI
- Achievements: Created a mobile application for bill payments.

3. Automation of the AAS Insurance System (Association des Assureurs du Sénégal)

- Technologies: Java (Spring), SOAP, GED, Angular, Hibernate, Liquibase, Lombok, Maven, PostgreSQL, CD/CI, Keycloak
- Achievements: Contributed to automating the AAS insurance system.

Additional Responsibilities

4. Application Deployment and Testing

- Skills: Proficient in deployment and testing methodologies.
- Responsibilities: Oversaw deployment processes and conducted rigorous testing for high-quality software delivery. Coordinated with cross-functional teams for streamlined procedures and CI/CD implementation.

5. SaaS Platform Development

- Skills: Expertise in scalable SaaS platform development.
- Responsibilities: Led the development of a digitalization platform for banks and enterprises, focusing on user-friendly solutions. Leveraged advanced technologies to address complex business needs and improve operational efficiency.

Freelance FullStack Developer

Mutivers, Paris, France

As a Fullstack Developer at Mutivers

Mar 2023

1. Real-Time Smoke Detection System (Frontend)

Designed, developed, and tested a real-time smoke detection solution for MIDGARD. - Technologies used: Docker, NestJS, Nx, Angular, CASL, RabbitMQ, Tests, MongoDB, CI/CD.

2. Trainers Recruitment Platform

Implemented a platform for recruiting trainers. - Technologies used: Django, Angular, i18n, NgRx, Docker, Amazon S3, Digital Ocean.

3. Mutivers Website

Created a multilingual showcase website for Mutivers using Angular, FireBase, I18n, Scurly, ng-Particules.

4. Angular Cookbook

Developed an Angular Cookbook, a comprehensive resource highlighting Angular features and best practices. - Technologies used: Rust, Cargo, Mdbook.5. Mutivers Validators - Developed an Angular validation library.

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Freelancer Web Developer

Noisy Digital, Dakar

Feb 2021 - Jul 2023

I am involved in the development of web applications, websites, the selection of appropriate technologies, and the management and maintenance of sites.

LANGUAGES

English

French

REFERENCES

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QUALITIES

- Self-taught
- Creativity and Innovation
- Dynamic
- Problem Analysis and Resolution

HOBBIES

- Sciences
- Music - Piano
- Fitness
- Cooking and Gastronom