

PROFESSIONAL EXPERIENCE

■ SQA Automation Engineer (Apprenticeship) at SAP France, France

Sep 2021 - Sep 2024

Year 3 - Jenkins as Code Development

- Conceptualized and architected a full-scale Jenkins as Code solution to streamline CI/CD processes.
- Evaluated multiple technology stacks through detailed Proof of Concepts (PoCs) before selecting the final tech stack, which included Jenkins, Kubernetes, Docker, Groovy, etc.
- Led the end-to-end development of Jenkins as Code from the ground up.
- Collaborated with cross-functional teams to gather and integrate their specific CI/CD requirements.
- Successfully deployed the solution into production and ensured smooth operations post-deployment.
- Delivered comprehensive knowledge transfer sessions and documentation to team members to ensure scalability and maintainability.

Year 2 - CI/CD Pipeline Enhancement & Tooling Migration

- Mentored and onboarded a new intern, providing hands-on training in automated UI Testing.
- Gained proficiency in Jenkins and CI/CD pipeline design and management.
- Modernized legacy Jenkins jobs by migrating them to Declarative Pipelines.
- Developed new Jenkins pipelines from scratch, aligning them with project automation goals.
- Conducted successful migration of legacy Java tools, ensuring compatibility and performance optimization.
- Designed and developed new automation tools in Java to enhance testing workflows.

Year 1 - Test Automation & Framework Development

- Built foundational knowledge in SAP BusinessObjects Web Intelligence.
- Formulated automated test strategies to optimize test coverage and improve quality.
- Developed comprehensive UI tests using Selenium and Java, contributing to reduce manual testing efforts.
- Created a Proof of Concept (PoC) integrating Spring Framework for dependency injection within the test automation framework, enhancing modularity and scalability.

■ Software Developer (Internship) at SAP Labs Palo Alto, USA

June 2023 - Sep 2023

- Developed a prototype for integrating SAP Document Management System (DMS) with SAP Identity Access Governance (IAG).
- Iteratively refined the prototype based on stakeholder feedback and technical assessments, ensuring alignment with project goals.
- Regularly presented project progress, findings, and recommendations to key stakeholders, facilitating informed decision-making.
- Delivered comprehensive project documentation and final deliverables, supporting future development and scalability.

■ Full Stack Developer (Apprenticeship) at Parrot, France

Sep 2019 - Sep 2021

- Middleware evolution and maintenance using JAVA and C#.
- Executed a seamless migration of SAP BusinessObjects (BO), ensuring minimal downtime and improved system functionality.
- Developed new modules from scratch, expanding the functionality of existing systems and contributing to the company's tech innovation.

EDUCATION

- **Master's in Computer Science (Diplôme d'Ingénieur)** Sep 2021 - Sep 2024
EFREI Paris, France
 - Specialization Software and Information Systems
 - Major in Software Engineering
- **Associate Degree in Computer Science (DUT)** Sep 2019 - Sep 2021
Le CNAM Paris, France
- **Apple Foundation Program** June 2019 - July 2019
Simplon Montreuil, France
- **Evening Classes in Software Development** Sep 2018 - June 2019
Le CNAM Paris, France
- **FSc Pre Engineering** Sep 2015 - Sep 2017
Govt. Zamindar Post Graduate College Gujrat, Pakistan

TECHNICAL SKILLS

- **Programming Languages:** JAVA, C#, Groovy
- **Backend Development:** Maven, Spring Boot, Spring Data JPA, Hibernate, JDBC, RabbitMQ, Apache Camel, Apache Chemistry, Lombok, JEE, Selenium, JUnit
- **Frontend Development:** Angular, SAP UI5, Next.js
- **DevOps & Cloud Technologies:** Jenkins (Declarative Pipeline, JCasC), Docker, Kubernetes, Cloud Foundry, OpenStack, HashiCorp Vault, JFrog Artifactory

LANGUAGES

- English (Fluent), French (Fluent), Urdu (Fluent), Punjabi (Mother Tongue)

CERTIFICATIONS

- MS Azure Fundamentals (AZ900)
- Apple Foundation Program (First developer level batch in France)
- English : TOEIC(955), LinguaSkill(C1+)

PROJECTS

- ExamNG: Led a 5-person student team for the capstone project ExamNG, a digital platform for on-site Exams. (JAVA, NextJS)
<https://github.com/ZA1NZAFAR/ExamNG>
- WelHome: Led a 10-person student team to develop a microservice-based vacation rental booking platform MVP in under one month. (JAVA, Angular)
<https://github.com/ZA1NZAFAR/welhome>

LINKS

- <https://github.com/ZA1NZAFAR>
- <https://zain.ovh>