Zain
ZAFAR

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Professional Experience

PwC – Luxembourg

Full Stack Java Developer   11/ 2024 – Present

- Worked on multiple JAVA based full stack applications (JEE and Spring Boot/REACT)
- Improved application performance by optimizing SQL queries.
- Worked on various migrations including **TomEE 8→10**, **Hibernate 5→6**, and **PostgreSQL to MSSQL**
- Designed and implemented new REST API endpoints and improved existing functionalities
- Secured the Rest APIs with Azure EntraID via Spring Boot Security by developing a generic library.

Consort Group, Luxembourg

Full Stack Java Consultant   11/2024 – Present

SAP - Paris, France

SQA Automation Engineer   09/2021 – 09/2024

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.

SAP Labs - Palo Alto, USA

Software Developer   06/2023 – 09/2023

- 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.

PARROT

Full Stack Developer   09/2019 – 09/2021

- 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

EFREI – Paris, France

MASTER'S IN COMPUTER SCIENCE   2024
(DIPLÔME D'INGÉNIEUR)

- Graduated with honors (jury's congratulations).

Le CNAM – Paris, France

ASSOCIATE DEGREE IN COMPUTER SCIENCE (DUT)   2021

Apple / Simplon – Montreuil, France

APPLE FOUNDATION PROGRAM   2019

Certifications

- Microsoft Certified: Azure Fundamentals (AZ900)
- TOEIC (955)
- LinguaSkill English (C1+)

Skills

Technical Skills

- **Programming Languages:** Java, C#, Groovy, SQL
- **Backend Frameworks/Technologies:** Spring, Spring Boot, Java JEE, Spring Data JPA, Spring Security, Hibernate, JSF (PrimeFaces), Apache Camel, RabbitMQ, Swagger
- **Frontend/UI Technologies:** Angular, SAP UI5
- **Databases:** MSSQL, PostgreSQL, MongoDB, Apache Chemistry
- **DevOps & CI/CD:** Maven, Jenkins, Docker, Kubernetes, Vault, Artifactory
- **Cloud/Infrastructure:** Azure DevOps, OpenStack, SAP BTP, Cloud Foundry
- **Version Control:** Git, Perforce
- **Testing:** JUnit, Selenium, Mockito

MANAGEMENT AND LEADERSHIP SKILLS

- Agile methodology
- Comprehensive and scalable technical documentation
- Mentorship and knowledge transfer
- CI/CD pipeline management
- Planning and meeting deadlines

COMMUNICATION AND INTERPERSONAL SKILLS

- Teamwork in multicultural and international environments
- Collaboration with multidisciplinary teams
- Regular presentation of progress and results to stakeholders
- Knowledge sharing and training of new employees
- Ability to explain complex technical concepts to non-technical audiences

PROJECTS

ExamNG

Led a 5-person student team for the capstone project ExamNG, a digital platform for on-site Exams. (JAVA, NextJS)
Link 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)
Link https://github.com/ZA1NZAFAR/welhome

LANGUAGE SKILLS

- Urdu (Mother Tongue)
- Punjabi (Mother Tongue)
- English (Fluent)
- French (Fluent)
- Hindi (Oral)