



BENAISSE BOUKHARI

SOLUTION ARCHITECT

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I architect reliable and scalable digital solutions leveraging strong 3DEXPERIENCE expertise. My work includes process re-engineering, system integration, performance validation, and delivering enterprise-ready solutions for complex engineering environments.

Consulting & Client Engagement

- Communication, Presentation & Storytelling
- Stakeholder Management & Trusted Advisory
- Workshop Facilitation & Architecture Consulting
- Team Collaboration & Leadership.

Technical skills

- Scripting & Automation
- Networking & Infrastructure Knowledge
- API Usage & Integration
- Dev Tools & Collaboration: Git, JIRA, Confluence
- Agile & Scrum Methodologies

Certifications

Solution Architect Level 1 – Dassault Systèmes

Solution Architecture & Delivery

- Solution Design for Complex Environments
- Business Process Optimization (AS-IS / TO-BE)
- Enterprise Project Delivery & Agile Methodologies
- Change Management & Technical Enablement

Technology & Platforms

- Cloud Platforms: Cloud, On-Premises, 3DEXPERIENCE
- API Design, Integration & System Interoperability
- Data Management, Collaboration Tools & Digital Transformation

Hobbies

Guitar – Travel – Skydiving

WORK EXPERIENCES

Dassault
Systèmes

Depuis 2021

Solution Architect

Process Analysis & Architecture Design

- Led end-to-end process analysis (AS IS → TO BE), identifying inefficiencies and designing optimized workflows aligned with strategic goals.
- Designed robust solution architectures leveraging ENOVIA, NETVIBES, and custom extensions to drive operational efficiency and cross-team collaboration.
- Acted as a trusted advisor to CTOs, business leaders and engineering teams, ensuring alignment between technical solutions and enterprise objectives.

Collaboration with Stakeholders

- Worked with R&D teams to align client requirements with platform capabilities and close functional/technical gaps.
- Partnered with system integrators to implement customizations and drive successful deployments.
- Advised software teams on best practices for deployment, scalability, and long-term maintainability.

Training, Enablement & Support

- Delivered high-impact training programs enabling teams to fully leverage the platform.
- Provided continuous expert support on global projects including ELARABY, EIFFAGE, and SAFRAN.

Key Projects

REDEIA – SPAIN | Asset Management & Electrical Network Maintenance

- Architected a solution for asset management of electrical infrastructures.
- Ensured integration with existing enterprise systems

NEOM – SAUDI ARABIA | Architecture Blueprint & MVP Delivery

- Defined the initial architecture vision for NEOM's industrial production ecosystem.
- Delivered the first functional MVP Solution
- Coordinated closely with multi-national engineering teams to validate architecture choices.

EDF – FRANCE Audit Management & Custom Application Development

- Oversaw project and audit management processes for the EDF Switch Project.
- Designed and delivered a custom widget application, fully integrated into dashboards to enhance audit workflows and user experience.
- Improved traceability, audit readiness, and operational governance.

RENAULT - FRANCE | Cloud Architecture & Project Stream Leadership

- Designed solution architecture and led one of four strategic project streams in a cloud environment.
- Implemented ENOVIA (Project Management & Collaboration) and NETVIBES (Data Perspective) to streamline product lifecycle and management workflows.
- Coordinated between client stakeholders, R&D teams, and integrators to deliver solution to impacted gaps.

NEXTER - FRANCE Digital Mockup Management & SecNum Migration

- Led Digital Mockup Management (DMU 150%), Change Management, and ENOVIA Collaboration topics.
- Supported executive Design Reviews to accelerate engineering decisions and cross-department collaboration.
- Successfully delivered Dassault Systèmes' first SecNum-compliant migration, ensuring security, resilience, and regulatory alignment.

Dassault Systèmes

Depuis 2019

Quality Assurance Leader | Digital Mockup App Suite

Quality Ownership & Team Leadership

- Managed a team of QA engineers, driving execution of test plans, backlog prioritization, and issue resolution to ensure high-quality software delivery.
- Implemented and optimized quality processes across the product lifecycle, improving testing efficiency, traceability, and reliability.

Technical Expertise & Test Strategy

- Defined test strategies in collaboration with product managers, architects, and development teams, ensuring alignment with business requirements and platform constraints.
- Oversaw functional, integration, regression, and scenario-based testing across a full suite of design review applications (Design Synthesis, Design Review, Interference Check, 3D Markup).
- Ensured readiness for enterprise deployments through risk assessment, test coverage optimization, and continuous process refinement.

Dassault Systèmes

Depuis 2016

Quality Assurance Engineer | 3DEXPERIENCE PCS

Performance, Capacity & Scalability (PCS)

- Designed, executed, and analyzed large-scale PCS tests for platform applications, ensuring system robustness under real production conditions.
- Identified performance bottlenecks through deep technical analysis (infrastructure, application, and code-level behaviors) and drove remediation with engineering teams.
- Validated regression and end-to-end scenarios to guarantee platform stability across releases.

Infrastructure & Automation Expertise

- Managed complete testing environments (on-premises + early cloud integration), including load balancers, clusters, application servers, and monitoring tools.
- Automated critical testing workflows to increase reliability, repeatability, and delivery speed.
- Executed benchmarking campaigns to guide sizing recommendations and improve platform scalability for enterprise clients.

EDUCATION

Polytech Angers

MASTER 2 | Quality and Functional Dependability

Specialization in Quality and Dependability of IT and Embedded Systems

ENSA - Kénitra

Engineering Degree

Computer Science Engineering Degree