

Soukaina Benchekroun

Full-Stack Java / React Developer



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Professional Summary

Full-Stack Developer specialized in Java/Spring Boot and React, with strong experience delivering secure, high-performance solutions in banking, healthcare, transportation, and the port industry. I bring a rigorous, collaborative, and quality-driven approach to building scalable and reliable systems.

Technical Skills

Backend

Java (8→11→17→21) • Spring Boot (2.7→3.0→3.2) • Spring MVC • Spring Batch • REST APIs • SOAP • Hibernate • JPA • Microservices • ActiveMQ Artemis • Node.js • C# • ASP.NET

Frontend

React (17→18→18.2) • Next.js (13→14→15) • Angular (13→14→15) • TypeScript (4.x→5.x) • Redux-Saga • HTML5 • CSS3 • Tailwind • WPF

Databases

PostgreSQL (12→13→14→15) • Oracle Database (11g→12c→19c) • PL/SQL • Query Optimization • SQL Server • Entity Framework

CI/CD & Cloud

Docker (20→24) • GitLab CI/CD • Jenkins • Maven (3.6→3.8→3.9) • AWS Lambda • AWS API Gateway • AWS CloudWatch • Terraform • AWS S3 • AWS IAM

Security

OAuth2 • Keycloak • TLS/SSL (1.3) • Encryption/Decryption • RBAC • MFA • JWT

Testing & Quality

IntelliJ IDEA • VS Code • Visual Studio • Postman • SonarQube • Agile/Scrum • TDD/BDD • Design Patterns • UML • Git • GitHub • GitLab • GitHub Copilot • Cursor AI • T24 (Temenos) • Logging • Archiving • Retry Mechanisms • JasperReports

Professional Experience

GUMP HA Connector

OPEN GROUPE — GPMM (Grand Port Maritime de Marseille) | *November 2023 – Present*

Role : Senior Java Developer

Location : Marseille, France (Remote)

Technologies : Java 21, Spring Boot, Spring MVC, ActiveMQ Artemis, Docker, TLS/SSL, TLS 1.3, OAuth2, Maven, GitLab CI/CD, Oracle, Logging, Archiving, Retry Mechanisms

High-availability secure connector for port data exchange with TLS encryption and EU 2019/1239 compliance.

- Built secure HA middleware with retry and archiving mechanisms to ensure reliable GUMP ↔ Neptune-Port exchanges
- TLS/SSL hardening and OAuth2 tokens to secure sensitive communications
- Complete flow traceability for compliance and audits per EU Regulation 2019/1239
- High-availability architecture ensuring service continuity
- CI/CD pipeline with automated tests and Docker deployment to staging and production environments

SPID - Système de Paiement Innovant Digital

Sopra Steria — SNCF | *June 2022 – October 2023*

Role : Full Stack Developer

Location : Paris, France (Hybrid)

Technologies : Angular, TypeScript, Node.js, AWS Lambda, API Gateway, PostgreSQL, S3, CloudWatch, Terraform, Docker, GitLab CI/CD, OAuth2, JWT, IAM

Innovative serverless payment system for SNCF with AWS Lambda architecture and infrastructure as code.

- Developed Angular features (components, routing) and Spring Boot REST APIs for innovative payment flows
- AWS Lambda/API Gateway integration with CloudWatch monitoring for serverless architecture
- Infrastructure as Code with Terraform for automated and reproducible deployments

- Improved GitLab CI/CD pipeline with automated tests and blue-green deployments
- Secured with OAuth2/JWT and IAM for granular access control

Portail Patient AP-HP

Kalisoft — AP-HP (Assistance Publique – Hôpitaux de Paris) | March 2021 – May 2022

Role : Full Stack Developer

Location : Paris, France (Hybrid)

Technologies : React, Redux-Saga, Spring Boot, Java 8, Java 11, Java 17, Keycloak, OAuth2, RBAC, MFA, PostgreSQL, Oracle, Docker, GitLab CI/CD, SonarQube, Postman

Secure patient portal for AP-HP with Keycloak authentication, HDS and GDPR compliant.

- Developed responsive React interfaces with Redux-Saga for optimized state management
- Secured Spring Boot REST endpoints for patient data (consultations, documents, rights)
- Keycloak SSO integration with OAuth2, RBAC and MFA for strong authentication
- HDS (Health Data Hosting) and GDPR compliant architecture
- Fine-grained patient access rights management with granular RBAC control
- CI/CD pipeline with automated tests and SonarQube code quality

Chaabi Connect - Banque Digitale

PCA (Professional Consulting Associates) — Chaabi Bank (Banque Populaire) | January 2020 – February 2021

Role : Full Stack Java/React Developer

Location : Casablanca, Morocco (Remote)

Technologies : React, Spring Boot, Java 8, OAuth2, Keycloak, Oracle Database, T24 (Temenos), Docker, Maven, SonarQube

Secure digital banking platform with OAuth2/Keycloak, T24 integration and PSD2 compliance.

- Developed modern digital banking platform (React + Spring Boot)
- Implemented OAuth2 authentication with Keycloak for SSO and RBAC
- Integration with T24 (Temenos) core banking system
- PSD2-compliant architecture (strong customer authentication)
- Secure banking transactions management with Oracle Database
- Code quality maintained with SonarQube (> 90% coverage)

Loans Factory - Usine de Crédits

PCA (Professional Consulting Associates) — Chaabi Bank (Banque Populaire) |

September 2019 – December 2019

Role : Full Stack Java/React Developer

Location : Casablanca, Morocco (Remote)

Technologies : React, Spring Boot, Spring Batch, Java 8, Keycloak, JasperReports, Oracle Database, Maven, Git

Mortgage loan management platform with automated workflows, document generation and reporting.

- Developed mortgage loan application processing factory
- Automated workflows with Spring Batch for batch processing
- Automatic contract document generation with JasperReports
- React interface for loan file management
- Spring Boot backend with Oracle Database integration
- Authentication and authorization with Keycloak

Verlingue - Courtage d'Assurance

Capgemini — Verlingue | *January 2019 – August 2019*

Role : .NET Developer

Location : Paris, France

Technologies : C#, ASP.NET, WPF, SQL Server, Entity Framework, Visual Studio

WPF insurance brokerage application with optimizations and business modules maintenance.

- Maintenance and evolution of insurance brokerage applications in C#/WPF
- SQL Server query performance optimization
- Bug fixes and stability improvements
- Development of new business features

Crédit Agricole - CRM Interne

Logigroup — Crédit Agricole | *September 2018 – December 2018*

Role : .NET Developer

Location : Paris, France

Technologies : C#, ASP.NET, SQL Server, Entity Framework, Visual Studio

Internal CRM modules for Crédit Agricole with customer management and banking business tools.

- Development of CRM modules for customer relationship management
- Integration with existing banking systems
- Customer tracking tools improvements for advisors
- Reports and dashboards development

Education

State Engineer's Degree in Computer Science and Networks – MIAGE option

École Marocaine des Sciences de l'Ingénieur (EMSI) | 2018

Languages

- **French** — Native
- **English** — Professional
- **Arabic** — Native

Interests

- Tech Watch — AI, open source, innovation
- Personal Growth — emotional intelligence, active listening, kind high standards
- Cooperative Strategy Games — Anno 1800, resource optimization
- Mentoring & Knowledge Sharing — pair programming, code reviews
- Organization & Productivity — minimalism, visual planning (Trello, Notion)
- Creativity & Design — painting, interface design