



# BAHRI BENGUESMIA

SENIOR TECHNICAL ARCHITECT, PRINCIPAL SOFTWARE ENGINEER,  
AI DEVELOPER

## PROFESSIONAL PROFILE

I'm an innovative and results-driven Technical Architect and Software Engineer with over 17 years of experience. I've spent my career designing and delivering high-performance software and app and e-commerce solutions.

I've had the opportunity to lead teams in both global enterprises and startups, and I've consistently delivered results.

My expertise includes Salesforce Commerce Cloud, CRM Data Cloud, Public Cloud Architecture, multi-agent AI systems like LangChain and LangGraph, and cloud-native applications.

I'm known for tackling complex technical challenges head-on and driving real digital transformation.

## AREAS OF EXPERTISE (SKILLS / PLATFORMS)

- **Languages:** Python, Rust, Go, Java, C++, C#, Dart, JavaScript (React, Node.js)
- **Cloud & DevOps:** AWS (EC2, Lambda, ECS, S3, DynamoDB), Microsoft Azure, Docker, Kubernetes, Terraform
- **E-commerce & Platforms:** Salesforce Commerce Cloud, DataCloud, Salesforce CRM, Agentforce, Intershop, Subabase, Firebase, Parse.
- **Framework:** Flutter 3, Next.js
- **AI:** Langchain, LangGraph, Agentics RAG, MCP Server
- **Databases:** PostgreSQL, MongoDB, Redis, MySQL, Firebase
- **Tools & Others:** GitHub, CI/CD, Postman, SoapUI, Firebase, GraphQL, Parse Platform

## EDUCATION

- Master in software engineering.
- School of engineering – 3IL Limoge-France.
- Microsoft Certified Professional (MCP).
- Salesforce Certified Commerce Cloud Developer.
- Salesforce Certified Commerce Cloud Architect.
- Salesforce Certified AI Specialist.
- Salesforce Certified Datacloud consultant.
- Salesforce Certified Administrator (CRM).
- Salesforce Certified App Builder.
- Language: French, English.

## CONTACT DETAILS

Mobile phone: +33 7 82 21 79 71  
bahrinb@gmail.com  
France

## PROFESSIONAL EXPERIENCE

### SENIOR TECHNICAL ARCHITECT

#### Salesforce | 2018 - Current job | Remote

- Designed and implemented an AI Shopper Agent for Pandora, building the data structures, RAG, and hybrid search index leveraging Data Cloud and Agentforce to deliver contextual, personalized customer experiences.
- Led major e-commerce integrations for luxury brands (Dior, Givenchy, Guerlain, Fred, Rimowa, etc.) across the LVMH group.
- Architected core e-commerce systems and Salesforce SFRA integrations, optimizing performance and security.
- Delivered presales consulting and performance audits for brands like Hermès, Jacquemus, Shiseido, and Courir.
- Led the end-to-end architecture and multi-system integration for high-traffic e-commerce platforms such as Stand-prive.com and Crosscall.com, ensuring scalability and seamless user experience.
- Collaborated with Salesforce partners (Capgemini, Accenture, OSF) to lead high-scale commerce implementations.
- Integrated CDP (Datacloud) for Galeries Lafayette and Stellantis Group.

### LEAD MOBILE DEVELOPER

#### Afrostream | December 2016 - Oct 2017 | Nantes

- Developed Android streaming app with DRM-secured Exoplayer and custom Chromecast integration.
- Built secure local video storage with expiry and device ID authentication.
- Integrated OAuth2, Firebase analytics, and backend APIs to enhance user engagement.

### LEAD FULLSTACK DEVELOPER

#### ALEDA Group (fusion with Infenix) | May 2016 - December 2016 | Paris

- Created QT C++ applications to bridge J2EE platforms and hardware devices.
- Developed cross-platform mobile apps using AngularJS, OnsenUI, Cordova.
- Implemented secure web services using Axis2 and OAuth2.
- Provided technical leadership and problem-solving support to the development team, enhancing team efficiency and project outcomes.
- Developed robust web applications on Java EE, employing frameworks and technologies such as Spring, Tomcat, Axis2, Hibernate, JDK 7 & 8.

## PROFESSIONAL EXPERIENCE

### FULLSTACK DEVELOPER

Infenix | June 2014 - May 2016 | Paris

- Connected 20+ African banks to money transfer services using Java and SOAP.
- Built KYC systems and Android apps for financial services.
- Maintained e-commerce platforms (Magento, Intershop) and integrated payment gateways.

### OWNER AND PRINCIPAL DEVELOPER

Founder of two startups (BTechnology - Lifetech) | June 2008 - May 2014

- Founded and led the development of a comprehensive website for classified ads, leveraging PHP to create a dynamic and user-friendly platform.
- Developed Protracking, a GPS fleet management system, integrating technologies like CalAmp and INTELITRACK with Dotnet C# and Java J2EE, showcasing expertise in location-based services and enterprise solutions.
- Created Progestion, a stock and business management software, using Dotnet C#, delivering efficient organizational tools for business operations.
- Designed and deployed several websites using WordPress, highlighting skills in creating versatile and accessible web presences for various needs.
- Led a team of 6 developers, guiding project development and fostering a collaborative and productive work environment.
- Managed end-to-end development projects, demonstrating strong project management skills and the ability to deliver solutions from conception to deployment.
- Developed Prodent, a specialized Dental Management Software using Dotnet C#, catering to the unique operational needs of dental practices.
- Created Promed, a Medical office management software, and B-Lawyer, a Law Office Management Software, both using Dotnet C#, addressing niche market needs with tailored software solutions.
- Engineered a TCP network server with multithreading capabilities in Java.

## PERSONAL PROJECTS

- Built AI Agents with LangChain, LangGraph, and FastAPI; deployed via Next.js 15 and Convex.
- Build MCP Server.
- Developed mobile app using Flutter 3 with MongoDB and Node.js backend.
- Deploy web apps with Docker and Kubernetes.
- Experimented with Streamlit for building Python frontends.