



# Brahim Benzarti

Senior Engineer | AI-Powered Products & Scalable Platforms

brahim.benzarti@icloud.com · +352 661 821 707 · Esch-Sur-Alzette, Luxembourg · LinkedIn · GitHub

## EXECUTIVE SUMMARY

Senior full-stack engineer with 8+ years building high-performance, SEO-optimized, and accessible web platforms using React and Next.js. Proven expertise in SaaS integrations (HubSpot, Chargebee, Adyen), subscription lifecycle management, and migrating complex systems (Angular to React, .NET to Node.js/NestJS). Deep knowledge of REST APIs, webhooks, async workflows, and secure OAuth flows with least-privilege principles.

## EXPERIENCE

### Senior Full-Stack Engineer

2026-04-01 – Present

Scryn · Esch-Sur-Alzette, Luxembourg

Foundational member of the engineering team at Scryn, an AI-native deal sourcing platform transforming how private equity firms and M&A advisors discover investment opportunities.

- Leading architecture and development of a high-performance, SEO-optimized SaaS platform using React, Next.js, and Node.js
- Driving migration from Angular to React/Next.js architecture, improving performance, maintainability, and developer velocity
- Designing and implementing robust SaaS subscription system powered by Stripe with flexible pricing, billing cycles, and automated dunning workflows
- Building AI-powered features enabling natural language search across 50M+ global company profiles with LLM integrations
- Developing resilient backend services (REST/GraphQL) with Node.js/NestJS, microservices architecture, and async workflows with webhooks and retry logic
- Modeling clean data flows across customer lifecycle (lead → account → subscription → user) with PostgreSQL and optimized SQL queries
- Implementing secure OAuth flows, token handling, and least-privilege principles with strict secret management practices
- Establishing DevOps practices with Docker, CI/CD pipelines, and multi-cloud infrastructure (AWS, GCloud, Render)
- Collaborating closely with CEO, CTO, and commercial teams to translate business requirements into production-grade technical solutions

### Full Stack Developer

2022-03-01 – 2022-09-01

EXPERTIFY – Expert Shopify · France (Remote)

Designed and developed standalone SaaS applications with comprehensive dashboards and APIs.

- Designed and developed standalone SaaS applications with comprehensive dashboards and APIs
- Delivered complex platforms utilizing NestJS, React, and GraphQL for enhanced user experience
- Implemented PostgreSQL schemas with advanced security features and optimized AWS cloud deployments

## PROJECTS

### Scryn

AI-native deal sourcing platform for private equity firms and M&A advisors, built for large-scale company discovery, search, and qualification.

### TEQBALL | World Is Curved

International sports brand Shopify storefront and full-stack e-commerce platform.

### Cadeaux d'entreprise – Made in France

SaaS B2B gifting platform with NestJS, GraphQL, React, and PostgreSQL deployed on AWS.

### MindfulSouls – Crystal & Spiritual Shop

Subscription box platform powered by Chargebee with multi-region support across Australia, France, and other regions, leveraging Chargebee's payment capabilities and subscription benefits.

## AI / LLM EXPERTISE

**AI Integrations** Integrating LLMs into products for smart features (search, chat, automation)

**LLM Workflows** Building automated LLM pipelines and evaluation flows

**MCP (Model Context Protocol)** Implementing MCP for AI-tool integration and agent communication

**Agentic Coding** Building AI agents that write, test, and refactor code autonomously

**AI Orchestration** Coordinating multiple AI models and tools for complex workflows

**RAG Pipelines** Retrieval-augmented generation with custom embeddings and chunking

**Vector Databases** Pinecone, pgvector for semantic search and embedding storage

**LangChain** Building LLM apps with chains, agents, and memory structures

**AI Chat APIs (OpenAI, Anthropic)** AI Chat APIs (OpenAI, Anthropic)

**Natural Language Search** Converting natural queries to database queries across millions of records

## CORE COMPETENCIES

---

### BACKEND

Node.js, TypeScript, NestJS, PostgreSQL, GraphQL

### FRONTEND

React, Next.js, Tailwind, Remix

### AI/LLM

RAG, MCP, LangChain, Vector DBs

### COMMERCE

Shopify, Subscriptions, Payments, Adyen

### CLOUD

AWS, Azure, Docker, CI/CD

## SKILLS

---

React.js, Node.js, TypeScript, GraphQL, PostgreSQL, AI Integrations, LLM Workflows, MCP (Model Context Protocol), Agentic Coding, AI Orchestration, RAG Pipelines, Vector Databases, LangChain, AI Chat APIs (OpenAI, Anthropic), Docker, AWS, Search Systems, Natural Language Search

## EDUCATION

---

### Executive Program: Business Innovation with Blockchain

2023

HU University of Applied Sciences, Utrecht, Netherlands

*Intensive program covering blockchain technology applications in modern business, distributed systems, and innovation strategy.*

### Bachelor of Science in Information Technology

2019 - 2024

Tunis Business School, Tunis, Tunisia

*Major: Information Technology | Minor: Business Analytics*

## LANGUAGES

---

English (Fluent) · French (Basic) · Arabic (Native)

## INTERESTS

---

Music · Open Source · Tech Communities · Fitness