BERTRAND RIGAL

FULLSTACK AI ENGINEER

CONTACT

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France

SKILLS

AI (Pipeline LLMs Ops, RAG, fine-tuning...)

Full-Stack Development (TS/Node/React)

Project & Team Management

Databases (Sql / NoSQL)

Web Application Security

EDUCATION

UC Berkeley

Agentic AI Mooc

2025

Encode.club

ZK - ZKML - Solidity Bootcamp

2024

EM Lyon - Business School

Startup Camp

2020-2021

Université Lumière Lyon 2

Master degree in Computer Science and Project Management - CIM

2016-2018 - **Promotion Major**

Université Claude Bernard Lyon 1

IT Diploma of Tech University, Computer Science

2014 - 2015

Lycée Edouard Branly

Higher school preparatory classes, TSI (physics, technology, industrial science)

2012 - 2014

OTHERS

- Started coding at 8
- Found a security breach in a .gouv domain
- Won 9 coding hackathons

PROFILE

Fullstack AI Engineer with 9+ years in tech, including 2 years as a CTO (6-person tech team | €600k raised | 1 startup still experiencing strong growth)
As an Agentic AI developer certified from UC Berkeley, I focus on AI agents.

EXPERIENCE

AI Architect

Kojo.so — Sep 2024 - Present

Kojo helps SMBs to control their internal processes and production using custom AI agents. Including LLM pipelines, RAG, evaluations and best pratices.

- Develop AI agents using advanced tools and long term memory
- Responsible of the data and LLMs architecture for production
- Responsible for growth and team management

Stack : TS / Node / React / Python / Postgres / Docker / Git CI CD

CTO

Kolus.io — May 2023 - Aug 2024

Kolus is developing an application that allows video support for the industry.

- Advise on the architecture
- Responsible for the technical recruitment (3 devs)
- Ensure code quality and good practice

Stack : TS / Node / React / MariaDB / Git CI CD / AWS

CTO

LOVIS — Dec 2021 - Dec 2022

Lovis develops AI-assisted oral telecare solutions.
I accompanied the two founders on the technical part and project management of Lovis.

- Recruited and managed a team of 7
- Refactored the database by implementing good modeling practices
- Ensured the code quality and implemented a custom organization system

Stack : AWS / React / PHP / MariaDB / Git CI CD

Full Stack Developer

SameSame — Jun 2017 - Sep 2018

- Implemented a React/Redux/Node administration interface
- Managed the Serverless architecture on AWS (lambda, cognito, dynamo...)
- Ensure the code quality with Cypress tests and GitLab CI

Stack : React / Redux / Node / Cypress / Gitlab CI / Serverless Aws

Web Mentor

OpenClassrooms — Nov 2016 - Nov 2022

- Mentored +100 students on web courses (js, node, react, sql, no-sql ...) -
- Assessed students during their exams
- Made the official "Frontend Handbook'

Stack : Javascript, SQL, No-SQL, Node, React...