

Rael CALITRO

Software Engineer, Full stack AI & WEB 3.0



Software Engineer specialising in AI with expertise in **Web full-stack**.

Proven in developing **Web AI** solutions (Computer Vision, LLMs) and **blockchain** applications.
Background in **teaching** advanced computer science.

Proficient in **Typescript, React, NodeJS, .Net, Java, Python**. Adept in **DevOps** and **architecture**.



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Work experience

10/2024 - present Remote Cannes, France	Freelance software & AI/Web 3.0 full stack development and instructor, AIWeb3Edge - Developing a SaaS for managed Cyber security services - Developing solution for creating and managing customized AI chatbots via multiple providers of LLMs using fine-tuning and RAG - Developing the web application of a detective game involving AI chatbots <i>Typescript, NextJS, React, .Net, Azure, Firebase, Supabase, Fine-tuning, RAG, Prompt engineering, Stripe</i>
10/2022 - present Sophia-Antipolis Valbonne, France	Computer Science Instructor at Master's Level at Sophia Ynov Campus - Teaching Web full stack development (Back end + Front end stacks) - Teaching software testing and Test Driven Development method - Pedagogy, writing of guides, classroom facilitation, deepening of subjects
10/2022 - 09/2024 Remote Paris, France	AI/Web 3.0 full stack developer at Smart-Chain - Development of mixed AI solutions: Computer Vision, LLM - Development of web solutions related to Blockchain - Consulting, writing of internal articles on AI topics and presentations - Remote working, Agile Scrum <i>Typescript, NodeJs, React, MaterialUI, Python, Blockchain, WebSocket, Queuing Pub/Sub, AI training/deploying/serving, Fine-tuning, RAG, Prompt engineering</i>
10/2020 - 10/2022 Sophia-Antipolis Valbonne, France	Web full stack developer at Ricardo.ch France - Full stack web development and maintenance of the No.1 ECommerce web platform in Switzerland - English-speaking company, Agile Scrum, internal presentations <i>Typescript, React, Java Spring Boot, .NET, MaterialUI, CircleCI, Google Analytics tracking, Kubernetes, Kafka, Solr, Grafana</i>
10/2019 - 10/2020 Sophia-Antipolis Valbonne, France	Software developer at Infotel, European Patent Office - Development of a desktop application to classify text sections in patents using Machine Learning conditional random fields. <i>Java, Swing</i>

Education

2020 - 2022 Sophia-Antipolis Valbonne, France	Master's Degree, Software Development Expert Speciality AI Deep Learning, Web and Mobile Sophia Ynov Campus
2019 - 2020 Sophia-Antipolis Valbonne, France	Bachelor's Degree, Software Development Specialist Speciality AI Deep Learning, Web and Mobile Campus ID
2018 - 2019 Cannes, France	Professional Certification, Web and Web Mobile Development Simplon
Before 2018	Self-taught in web development

Organisational / Communication skills

Passionate Enthusiastic Reliable Curious Open-minded Initiative-taker Determined

Skills

AI 	Web 	Blockchain 	DevOps 
Tests 	UX / UI Design 	Architecture 	Clean code 

Languages

French	C2 - Native
English	C1 - CLOE Certification
Italian	C1

Hobbies

Coding/developing/experimenting
Travelling and learning about different cultures
Playing board games of all kinds
Running
Snorkelling