Xinhe **Yu**

(+33) 6 70 27 69 35 | Paris, France | ✉ xinhe.yu.dsa@gmail.com | 🏠 xinhe.de | Xinhe-Yu

Looking for Full-Stack Developer

Full-stack developer with startup experience from a legal AI apprenticeship. Skilled in autonomous work across the entire tech stack. Seeking structured environments with rigorous development practices.

Skills and Tools

Programming	JavaScript/TypeScript (React, Angular, Svelte, Electron, WebAssembly), Go, Python, Ruby (Rails), Java (Spring Boot).
Tools	Docker, PostgreSQL, Redis, Git, CI/CD (GitHub Actions), automated testing, Linux/Bash, Weaviate, LaTeX, Figma.
Methodologies	REST/GraphQL APIs, SSE, Real-time communication (WebSocket), RAG.
Languages	Chinese (Native), French (C2), English (C1), German (B2), Classical languages (Ancient Greek and Classical Latin).

Projects and Experience

Ordalie (Legal AI Startup)
Paris, France

FULL-STACK DEVELOPER — *2024-2025*

- Contributed to the development of a legal AI platform with chat and document editing capabilities using **Svelte** and **Golang**.
- **Frontend**: Built custom **TipTap editor** components for legal document drafting; developed a Go-based regex package compiled to **WebAssembly** for parsing legal citations.
- **Backend**: Built scalable pipelines integrating multiple LLM platforms (OpenAI, Gemini, Mistral) with rate limiting and **hybrid search** capabilities. Implemented **RAG indexing system** for client documents from third-party servers (SAMBA/SharePoint), including file parsers for .docx, .pptx, .msg formats and batch OCR processing for PDFs (**1M+ files processed**).
- **Real-time Systems**: Implemented hub-and-broadcast architecture for **WebSocket** distribution and real-time information updates across the platform.

Ancient Lexicon Database
2025

WEB DEVELOPMENT

- Developed a scholarly dictionary platform bridging academic research and community collaboration, implementing advanced search capabilities, user contribution systems, and automated backups with **FastAPI/PostgreSQL** backend and **Next.js** frontend. [Code]

Xinhe's Personal Site
2024

WEB DEVELOPMENT

- This is my personal site! Designed with care using **React** for a dynamic and interactive user interface. Additionally, this site also benefits from **Chakra UI**, which simplifies the implementation of a responsive and accessible design. [Code]

Education

OpenClassrooms
Paris, France

FULL-STACK DEVELOPER - JAVA & ANGULAR (RNCP NIVEAU 7, EQUIVALENT TO MASTER IN COMPUTER SCIENCE) — *2024-2025*

- Professional training program covering **project life-cycle** from requirements analysis and architecture design to full-stack development, CI/CD implementation and system monitoring.
- Project **Customer Support Chat**: Developed a real-time customer support chat app using Websocket and STOMP protocol. [Code]

Le Wagon
Paris, France

CODING BOOTCAMP (RNCP NIVEAU 6, EQUIVALENT TO BACHELOR IN COMPUTER SCIENCE) — *2024*

- Immersive courses in full-stack development (Ruby on Rails), **Rank 1** bootcamp in the world.
- Project **UberHits** (group work): Developed an UberEats-style web app with integrated geolocation system for provider discovery. [Code]

École Pratique des Hautes Études
Paris, France

PHD IN ART HISTORY — *2019 - 2024*

- Specialized in the **Athenian vases** of the 6th and 5th centuries BC, supervised by François Queyrel. Graduation on **April 27, 2024**.
- Strong research and analytical background with database management experience, leading to interest in **automation** and **programming.**

École Normale Supérieure de Paris
Paris, France

MASTER'S DEGREE IN HUMANITIES — *2017 - 2019*

- Track in the *Ancient World: Archeology and history*, a leading-edge training in high-level research in the humanities field. Grade: **Very good**.

Fudan University
Shanghai, China

BACHELOR'S DEGREE IN HISTORY — *2013 - 2017*

- QS World University Rankings 2017/18: **Rank 40**.