Ziye WANG
Fullstack Cloud Engineer

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Enthusiastic and well-organized Fullstack developer with 6+ years of experience. Eager to join a higer plate forme to bring in top-class software development and problem-solving skills.

Work experience

Senior Full Stack Engineer — Piana Paris

Since October 2025

- **Parallelized** job processing with BullMQ workers, reducing 85% average job delay under high load.
- **Optimized** critical SQL view and query by adding composite indexes, reducing DB query latency by 90% during traffic peaks.
- Implemented **Redis-based** caching to offload 70% of high-frequency database queries.

Senior Full Stack Engineer - CDI — Sanofi Paris, France

From February 2025 to September 2025

- Built and maintained a full-stack web application "MAPS" to support statistical programmers in code generation for drug submission, integrating **LLM-based** feature
- Led the design and implementation of CI/CD infrastructure using GitHub Actions, deploying applications to **AWS** services including S3, Lambda, EC2, and DynamoDB.
- template-driven approaches to automate and accelerate code creation.
- The MAPS project significantly improved R&D efficiency, helping Sanofi reduce the average drug development timeline by up to one year.
  Project: Maps - Platform for managing SDTM/ADaM datasets and automating code generation for statistical programmers.

Senior Full stack Engineer — Command Strategy Paris

From May 2023 to January 2025

- Led and managed cross-functional teams responsible for designing, developing, and delivering **Full-Stack cloud** solutions to meet clients' fintech needs and reduced the 96% time for calculation of the amortization and ECL.
- Designed and launched an **AI-powered** equity research assistant that generates personalized stock analysis reports for clients — increasing analyst output by **900%**.
- Built a **Retrieval-Augmented Generation (RAG)** system for Societe Generale, enabling real-time IFRS-compliant knowledge retrieval for accounting professionals
  Project: Pégase - Web application for caculating ECL and Bond Amortization
  Project: End to End Could engineering data solution for financial entreprise

Software Tech Lead - Freelance — SEGULA île-de-France

From August 2022 to May 2023

- Led a team of 5 developers in designing and implementing a **ERP** platform from scratch reducing 80% time for the workflow management.
- Led the selection and integration of **cloud infrastructure** (AWS/GCP/Azure) tailored to business needs, improving reliability while reducing operational costs.
  Project: Smart Car - Automobile industrial Testing system

Senior Fullstack Engineer - CDI — Logicom Paris

Since February 2020

- Developed a custom e-commerce platform using **React**, **Node.js**, and **MongoDB** from scratch
  Projet: Diabolo - Custom e-commerce platform

Fullstack Engineer — Dynseo Paris, France

From October 2019 to December 2020

- Analysed the requirements of clients and **designed** and developed customized and high quality **iOS/Android** applications in **Swift**, **Objective-C, Java** and **React-Native.**
  Projet 2: Stim'Art - No.1 brain training application in Europe market

Education

Communication System and Network Engineer — INSA de Rennes Rennes, France

From September 2013 to July 2019

Skills

Langage
- TypeScript
- C#
- Python
- Java

Front-end
- ReactJS
- CSS，Tailwind
- Customized component

Back-end
- FastAPI, Django
- Nest.js and Express.js
- Spring Boot

Databases & Caching
- PostgreSQL, Big Query
- Redis
- MongoDB

DevOps & Cloud
- GCP, Azure, AWS
- Docker
- Terraform
- CI/CD: GitHub Actions
- Monitoring: Datadog
- Feature Flag: Launch Darkly

Messaging & Streaming
- Pub/Sub
- RabbitMQ / Kafka
- Dead-letter queues, retries, backoff

Architecture
- Microservices
- Event-driven architecture
- DDD / Clean Architecture
- Distributed systems

AI
- LangChain, LangGraph
- Reinforcement learning

Languages

French
DALF C2

English
Toeic 850

Chinese
Mother togue