



# George Zhang

## Full Stack Developer

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📍 (Shanghai, China). Capable of working in any time zone.



### 🔗 SUMMARY

- Proficient in **JavaScript**(Typescript), **NodeJs**, web ecological technology, cross-end (Flutter, Electron, React Native), and other solutions of the Frontend area.
- Proficient in using mainstream **Frontend frameworks** such as Astro, **React**, and Angular, and building tools such as Webpack and Vite.  
(Implement pixel-perfect web applications in Typescript and React.)
- Proficient in **Python-based technologies**, including FastAPI, and Langchain.  
Familiar with **SQL and NoSQL** databases.
- Familiar with the principles of the Ethereum Virtual Machine (**EVM**), Ethereum mainnet and L2 chains.  
Proficient in **Web3 ecosystem** and **smart contract development**, including ERC-721 and ERC-20 tokens. Skilled in blockchain interaction utilizing Web3 or Ethers libs.

### 📁 PROFESSIONAL EXPERIENCE

#### **Web3 Developer, Bytesprint** 📄

09/2023 – 04/2024

Remote

- Selecting engineering architecture, developing, testing, and upgrading smart contracts.
- Interacting with blockchain using WAGMI and ethers.
- Providing support for responsive web design, multi-wallet login, and smart contract API development.

#### **Full stack developer, Sensetime** 📄

09/2021 – 09/2023

Shanghai, China

- AIGC 📄 product (miaohua 📄 /chat-notion/trust-AI) microservice technical architecture design, business splitting, containerized management (private cloud), DevOps, and other solution implementation
- Based on stable diffusion model deployment, model IO formatting, prompt project optimization, project call chain log reporting, and monitoring platform construction.
- Development of cross-platform technical solutions for AIGC products: mini-programs, web/h5.
- Enterprise-level web business ecological construction, single sign-on service, business component library, CI/CD, and other development infrastructure.
- Ultimate performance optimization of web applications, instant launch of cross-platform common devices, website TPS optimization.

#### **Web Developer, Alibaba** 📄


10/2017 – 08/2021

Shanghai, China

- BS isomorphic applications, serverless edge rendering, and other web page performance optimization, FCP < 1s.
- Taobao Live, live broadcast room component development, communication specification design (micro front-end).
- Leading the design of the micro-front-end architecture based on shell & iframe 📄 , unifying the communication methods, and routing definitions. of each business owner and sub-applications.
- Realize log tracking and reporting on different platforms (advertising billing, strictly recording every click and exposure of stores/products to complete the entire order attribution link).

- Develop advertising log reporting SDK, cross-platform JsBridge, and cross-end universal component library.

## PROJECTS


**ByteSprint**, *Global IT crowdsourcing service platform based on web3* 

10/2023 – 04/2024

- Front-end: Next.js with Chakra UI, incorporating WAGMI and Ethers.js
- Backend: Spring Boot with MyBatis
- Contract: Ethereum (Arbitrum) using Solidity with Hardhat
- Responsibilities include engineering architecture selection, smart contract development, and testing.
- Client features encompass cross-platform compatibility, multi-wallet login, and contract interaction.
- Utilize tools like Hardhat for test network testing, deployment, and smart contract maintenance.
- The DApp operates on the Arbitrum sidechain of the Ethereum network.

**miaohua**,

08/2022 – 09/2023

*A project uses stable diffusion model capabilities to generate corresponding pictures based on prompt* 

- Frontend: NextJs, tailwindcss
- Backend: FastApi + PyTorch + stable diffusion
- Model parameter formatting, prompt optimization, project call chain log reporting, monitoring platform construction.
- Secondary processing of model output images, watermarking, QR code overlay, OSS storage, and other operations
- Server-side engineering side microservice hierarchical design, identity authentication service, model IO service, model file storage service, task push service.
- Microservice RPC communication plan formulation, load balancing, service throughput, QPS optimization.
- The web service (NodeJs) uses HTTP2 protocol + SSR rendering, FCP < 0.9s.
- Responsive design optimally adapted to device screen widths from 320px to 1600px.

## SKILLS

**ReactJs**

NextJs / GraphQL / Astro

**NodeJs / Js / Ts**

KOA / Express / Electron

**CSS / HTML / Figma**

MaterialUI/Chakra-ui/Flowbite/Tailwindcss

**Web3**

EVM / WAGMI / ethers / Solidity / Hardhat

**\*pack**

Webpack / turbopack / vite

**Python**

PyTorch / Flask / FastApi

**Golang**

gin / go-zero / grpc

**SQL / NoSQL**

MySQL / PostgreSQL / Redis / MongoDB

**Cloud / Tools**

AWS / AliCloud / K8S / DevOps

## LANGUAGES

English

Chinese

## EDUCATION

**Diploma in Aircraft Maintenance Engineering 2015**, Xi'an Aviation Vocational and Technical College