



# George Zhang

## Frontend 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 web frameworks such as Astro, React, and Angular, and building tools such as Webpack and Vite.  
(Implement pixel-perfect web applications in Typescript and React.)
- Deep in Python ecological technologies such as FastAPI, PyTorch, Langchain, common SQL, NoSQL.
- Team management over 3 years, favorite challenges, strives for excellence, and perfectionism.
- Highly Familiar with the Web3 ecosystem, primarily based on the Ethereum blockchain, capable of rapidly building full-stack DApp applications. Knowledgeable about Solana and other blockchain technologies.

### 📁 PROFESSIONAL EXPERIENCE

#### Web3 Developer, Bytesprint 📄

09/2023 – 04/2024

Remote

- Engineering architecture selection, smart contract development, testing, deployment, and upgrade.
- Responsive web design support, multi-wallet login, contract interaction, token staking, and transfer-related CRUD API development.
- Full-stack business development of web2.

#### 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: NextJs + ChakraUI + wagmi +ethers
- Backend: Spring-boot + Mybatis
- Contract: Ethereum(Arbitrum) + Solidity + Hardhat
- Engineering architecture selection, smart contract development, testing, and deployment.
- Client cross-platform, multi-wallet login, contract interaction.
- Utilizing tools like Hardhat for local network testing, deployment, and maintenance of smart contracts.
- A DApp running 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 / Astro / Angular / Vue

### NodeJs / Js / Ts

KOA / Express / Electron

### CSS / HTML / Figma

MaterialUI/Chakra-ui/Flowbite/Tailwindcss

### Web3

WGMI / ethers / Solidity / Hardhat / Truffle

### \*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