George Zhang

Full Stack Developer / Frontend

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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
- Engineering architecture selection, smart contract development, testing, deployment, and   Remote
  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
- AIGC ⬈ product (miaohua ⬈ /chat-notion/trust-AI) microservice technical architecture   Shanghai, China
  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
- BS isomorphic applications, serverless edge rendering, and other web page performance   Shanghai, China
  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*