George Zhang

Full Stack Developer / Frontend / Web3

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🔨 SUMMARY

- 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.

- Proficient in JS, NodeJs, web ecological technology, cross-end (Flutter, Electron, mini-programs), and other solutions.

- Proficient in using mainstream web frameworks such as Vue, React, and Angular, and building tools such as Webpack and Vite.

- Familiar with Python ecological technologies such as FastAPI, PyTorch, Langchain, common SQL, NoSQL, etc.

- Team management over 3 years, favorite challenges, strives for excellence, and perfectionism.

💼 PROFESSIONAL EXPERIENCE

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 open source stable diffusion model deployment, model IO formatting, prompt project optimization, project call chain log reporting, monitoring platform construction, etc.

- Development of cross-platform technical solutions for AIGC products: mini-programs, web/h5.

- Responsible for the company's talent recruitment, talent reserve, and helping new employees grow.

- 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, etc.

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, routing definitions, etc. 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, etc.
- 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, etc.
- Microservice RPC communication plan formulation, load balancing, service throughput, QPS optimization, etc.
- 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

Web3   **NodeJs**
WGMI / ethers / Solidity / Hardhat / Truffle   *KOA / Express / Electron*

ReactJs   ***pack**
Nextjs / RN / Angular / Vue / svelte   *Webpack / turbopack / vite*

Python   **Golang**
PyTorch / Flask / FastApi   *gin / go-zero / K8s*

SQL / NoSQL
MySql / PostgreSQL / Redis / MongoDB

🌐 LANGUAGES

English   **Chinese**

🎓 EDUCATION

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

🏃 INTERESTS

| Coding | Basketball | Bedminton | Skiing | Nunchakus *(Chinese KuFu)* |