
Personal Statement

Full-Stack Developer / DeFi & GameFi & NFT Player / Web3 Learner & Builder
7 years of backend engineer experience

Education

- Dalian Nationalities University Dalian, China
Bachelor of Network Engineering Sep 2011 - Jun 2015

Skills Summary

- Language: PHP, Golang, Solidity, JavaScript, HTML, CSS
- Database: MySQL, Redis, Elasticsearch
- Framework & Library: Laravel, Gin, Phalcon, Swoole, JQuery, Bootstrap, Vue
- DevOps: Git, Composer, Nginx, Docker, Sentry, Jenkins, Jira
- Web3 Development: Hardhat, Remix, Truffle, Ganache, Chainlink, ethers.js, web3.js

Work Experience

- Mizu Technology (Beijing) Co., Ltd. Senior Full-Stack Engineer Jun 2021 - Present
 - Mizu SaaS: A rental management system, serving over 30 stores and 10 thousand tenants.
 - Website Link: <https://www.miroom.cc/>
 - Served as the technical director, drove system architecture decisions and lead projects from concept through the release process, and implemented technical solutions for the back/front-end development and server maintenance.
 - Built CI/CD workflow based on the bitbucket pipeline to automate testing and deployment, and used Sentry & webhook-bot real-time monitoring of exceptions and alarms.
 - Beijing Oneway Information Technology Co., Ltd. Senior PHP Engineer Mar 2019 - Jun 2021
 - Oneway's Group & Customer Relationship Management System: An internal operations management system.
 - Served as project leader, developed team management module for CRM system that helped managers to assign members and keep track of their performance by using comprehensive dashboards and reports.
 - Developed a WebSocket service based on Laravel & Swoole to access the crawler-bot to monitor WeChat messages in real-time, single deployment supports 100 bots online at the same time.
 - Designed and implemented a solution based on Elasticsearch to gather/match/search/analyze over 1 million users' data.
 - Developed a queue service based on Golang and Aliyun MNS for consuming delayed messages, and provided a unified intranet API for multiple business parties, processing over 3 million messages per day.
- Beijing Geizan Technology Co., Ltd. Backend Engineer Sep 2015 - Mar 2019
 - Geizan WeChat Mini-Programs: Provide gratuity and like-button services, serving over 10 million users.
 - Served as a core developer, designed and developed new products and features.
 - Improved database query efficiency by utilizing Redis to optimize business functions such as likes, follows, rankings, and QR code generation.

Side Projects

- Mergame(Web3 Program): An on-chain game that combines DeFi and GameFi, including NFT and token economy.
 - Demo Link: <http://mergame.wkzer.com/> (Currently under development)
 - Designed and developed smart contracts, including an ERC20 Token, an ERC721 NFT, and a game logic contract.
- 0x999(Web3 Program): A smart contract-based digital card game deployed on the Polygon chain, developed and driven by personal interests.
 - Website Link: <https://0x999.win/>
 - Contract Address: <https://polygonscan.com/address/0x9745958Eb5C47105aC2E165DD85a5B8Dd7379C3E/>
 - Learned and practiced DApp development-related technology stacks.
 - Designed and developed smart contracts, used Chainlink VRF to implement the randomness of numbers in games, and used Chainlink Keeper to automate bills' settlement calculations.
- QuickCMS(Open Source Program): A CMS framework based on Bootstrap and Laravel 5.1.
 - Github Link: <https://github.com/loopeer/quickcms/>
 - Served as one of the core contributors, responsible for implementing most of the core business and writing documents.
 - Used Entrust and Multiauth Composer packages to implement user control of permissions, and encapsulated the most common CRUD functions in a configuration file for quickly implementing business logic and generating relevant front-end pages.