

Bing Li

<https://binacs.cn>

<https://github.com/binacslee>

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EDUCATION

- **Wuhan University**

Bachelor of Engineering in Information Security; GPA: 3.27 / 4.00

Wuhan, CN

Sep. 2015 – Jun. 2019

PROGRAMMING SKILLS

- **Languages:** Go / C++
- **Technologies:** Kubernetes / Docker / Redis
- **Distributed Consensus:** PBFT / RAFT
- **Competitive Programming:** LeetCode rating 2100+

OPEN SOURCE CONTRIBUTION

- **Especially familiar with:** Kubernetes scheduling / Ethereum architecture.
- **Member of:** Kubernetes / Kubernetes SIGs.
- **Contributor of:** ethereum / etcd-io etc.

EXPERIENCE

- **Xunlei Ltd**

Blockchain Protocol Engineer

Shenzhen, CN

Jul 2019 - Present

- **ThunderChain:** ThunderChain is a high-performance blockchain that supports plug-in consensus. Refactored the consensus module and participated in the self-developed higher-performance BALAS consensus; rewritten the relay node to reduce the performance consumption by 80%, and the transaction forwarding performance was 1.7 times the original.
- **BaaS:** Blockchain as a Service provides a platform for the public to quickly and easily build a complete blockchain ecosystem. Designed and implemented a BaaS solution based on kubernetes, which solved the problems of blockchain adaptation, node persistent storage, node scheduling and dynamic migration; wrote a new Dockerfile to support CGO, reducing the original container size by 90%
- **TC Monitor:** TC Monitor is a service that collects and displays ThunderChain monitoring. Participated in the design of the implementation of low-code intrusion monitoring, independently wrote the ThunderChain exporter and supported prometheus and opentracing at the blockchain layer.

PROJECTS

- **server:** Runs on Kubernetes and powers binacs.cn. Support Crypto / Pastebin / TinyURL / Storage etc.
- **cli:** Terminal client for server. Quick visit binacs.cn. Use gRPC protocol for communication
- **inject:** Dependency injection library for Go.
- **pqueue:** PQueue written in Go, based on LRU algorithm.
- **deployment-cpeditior-ide:** Docker deployment for CP Editor IDE. Support GUI with noVNC.
- **More at:** BinacsLee / OpenKikCoc / binacsgo.