Personal Information

Name: Zero
Gender: Male
Date of Birth: July 21, 1989
Education: Bachelor's Degree in Communications Engineering
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Job Objective

Smart Contract Engineer / Golang Backend Engineer / Full-Stack Engineer (Remote)

Career Summary

Experienced full-stack engineer and architect, skilled in designing and developing solutions from client-side to server-side and from on-chain to off-chain.
Led core projects multiple times, managing teams, designing architecture, and developing key modules.
Skilled at guiding teams through challenges, completing tasks assigned by leadership, and delivering complex projects efficiently.

Core Skills

- **Languages**: Golang, TypeScript, Rust, Kotlin, Swift
- **Web3**: Solana (Rust), EVM (Solidity), Smart Contract Development and Auditing
- **Full-Stack**: Expertise in developing core logic and designing architecture for Web, Mobile (iOS/Android), server-side systems, and On-Chain/Off-Chain solutions.
- **Security**: CEX/DEX Integration, Private Key Management, ECC/AES/SSS Cryptographic Libraries (Rust/WASM)
- **Tools**: AI-assisted Development (ChatGPT) for Enhancing Code Development Efficiency and Exploring New Domains, and Enjoying the Fun of Development

Project Experience

WEBSYNC LABS (Jan 2023 – Mar 2025)

Web3 Social IM Application

- *Overview*: A user-controlled Web3 platform with end-to-end encryption, where only the communicating parties can decrypt messages. Integrated with CEX/DEX (Binance, OKX) for secure trading and allows users to deploy private nodes for full control over their data.

- *Responsibilities*:

  - Built and led a 20+ member team, responsible for developing core logic for iOS/Android/Web/PC apps and backend systems, as well as designing both on-chain and off-chain architectures.
  - Built Rust libraries (ECC, AES, Keccak256, SSS) compiled to WASM for cross-platform SDKs.
  - Automated Kotlin/Swift code generation via ChatGPT to speed up multi-platform development.
  - Developed Solidity-based L1/L3 payment contracts with centralized Oracle signatures for security.

DeFi Economic Model for Web3 Social IM Application

- *Overview*: A Solana-based DeFi economic model (similar to pump.fun), with 12 audited smart contracts (12k+ LOC).

- *Responsibilities*:

  - Led the design of both on-chain and off-chain architectures for the economic model, tracked progress, communicated with the audit team, and resolved related issues.
  - Addressed complex contract issues, such as designing dynamic on-chain pricing (Bucket + Slot, similar to ERC-7527) to replace off-chain price feeds.
  - Managed contract security during operations, including creating Golang tools to automate contract compilation, deployment, command execution monitoring, and automated Git log uploads, ensuring no security incidents.

Web2 Experience

New Hope Group (Dec 2020 - Dec 2022) *Real Estate Division*

- Led development and front-end team management for property management mini-programs, marketing systems, and admin portals.
- Improved user experience and established front-end architecture standards.

Aerospace Cloud Health Technology (Jan 2018 - Dec 2020)

- Managed iOS/Web app infrastructure development and team.
- Developed PHP microservices and UnionAuth unified authentication system.
- Led backend migration from PHP to Golang.

Startup Ventures (Jul 2014 - Dec 2017) *Shared Bicycle & Blue-collar Recruitment Platforms*

- Developed iOS apps with Bluetooth hardware integration and MQTT protocol.
- Built PHP backend systems and integrated third-party systems (including Kuqi).
- Implemented payment gateways (WeChat Pay, Alipay), establishing the foundation for third-party system integration.

Skyworth Group (Jul 2012 - Jun 2014)

- Developed embedded Linux systems and device drivers using C.
- Gained product development experience that later informed Rust smart contract development.

Thank you for reviewing my resume and taking the time to consider my application. I look forward to the opportunity to contribute to your team and collaborate with you.