

# ChengGong Li

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## Summary

As a seasoned developer with 7 years of experience, I have specialized in both Artificial Intelligence Engineering and Blockchain Development. Here's a summary of my experience and achievements:

### Experience:

- 4 years of experience in Blockchain Development, working with Ethereum, Solidity, and Smart Contracts to develop decentralized applications for clients across various industries.
- 7 years of experience in Artificial Intelligence Engineering, with expertise in developing machine learning models, natural language processing, and computer vision.

### Skills:

- Proficient in programming languages such as Python, Java, Kotlin, Swift, Solidity, Rust and HTML/CSS/Javascript.
- Experienced in blockchain development tools such as Truffle, Ganache, and Remix.
- Skilled in various machine learning frameworks including TensorFlow, Keras, and PyTorch.
- Web framework: React.js, Django, Flask, Node.js, Express
- Clouding service: AWS, GCP, Azure
- Database: SQL(MySQL, SQLite), NoSQL(MongoDB, CouchDB), Firebase

### Career highlights:

- Developed and deployed blockchain-based solutions including NFT marketplace, Compound protocol, AMM, CPMM, Flash Loan, Staking, Farming, Uniswap, Pancake swap.
- Led a team of developers to create an image processing platform for a company, resulting in a 20% increase in customer service.
- Developed coin-exchange platform without any pool but supports anonymous and non-anonymous exchange.

Overall, I am passionate about using technology to create innovative solutions for complex problems. I am constantly seeking new challenges to expand my knowledge and skills in the field of software development.

## Experience



### Back End Developer

Houdini Swap LLP

Apr 2022 - Feb 2023 (11 months)

- Built an anonymous/non-anonymous coin swap platform supporting various coins on different chains.
- Implemented price quoting optimization for a low fee workflow among all possible combinations of platforms.
- Created a HoudiniSwap platform that offers complete anonymity in cryptocurrency transactions.
- Enabled users to swap cryptocurrencies on different chains, resulting in increased user satisfaction and adoption.



## Chief Technology Officer

Makeabl

Feb 2021 - Mar 2022 (1 year 2 months)

I have built Makeabl platform which uses AI/Machine learning for image processing.

Official website: <https://makeabl.com/>

- Developed AI/ML based face recognition and image processing system
- Built powerful Backend and eye-catching Frontend, ensuring high performance on mobile and desktop.
- Social media and payment(eCommerce) integration, Familiarity with modern front-end builds pipelines and tools, Build and maintain efficient, reusable, and reliable code.



## Blockchain Lead Developer

PetFi

Nov 2021 - Jan 2022 (3 months)

- Deployed ERC20 tokens to Polygon blockchain network
- Developed NFT minting engine and Dapp



## Blockchain Developer

wicken

Sep 2021 - Oct 2021 (2 months)

- Conceptualized and developed Dapps using Solidity, Redmix/Truffle, and Openzeppelin for NFT creation and marketplace on Ethereum network.
- Built the Presale NFT round to raise funds, and minted NFTs by uploading NFT assets into IPFS.
- Developed Solana programs using Rust and Anchor framework, and integrated them with React for NFT creation and marketplace on the Solana network.
- Built and maintained websites using Web3.js and Web3.py, along with React, Typescript, NodeExpress, and GraphQL/Apollo for seamless user experience.
- Successfully created and launched NFTs on both Ethereum and Solana networks, generating significant revenue for the organization.
- Streamlined the NFT creation and marketplace process, resulting in increased efficiency and faster time-to-market.
- Developed user-friendly websites with smooth navigation and quick response time, leading to improved customer satisfaction and higher engagement rates



## Blockchain Developer

KingSwap

May 2021 - Aug 2021 (4 months)

I have successfully deployed ERC677 tokens and built an upgradeable smart contract, token bridge, and DEX DApp on both the xDAI and Ethereum networks.

These projects have resulted in increased token adoption, successful execution of over 1000 token transfers, and generated over \$1 million in trading volume within the first month of launch.

In recognition of my contributions, I was awarded the Blockchain Developer of the Year award in 2021.



## AI/ML Engineer

Torippo Inc

Aug 2019 - Jan 2021 (1 year 6 months)

AI manager

Face recognition and verification system

- Developed facial liveness checking engine that has up to 98.2% accuracy
- Developed prediction model of gender, age, emotion and race that have 95% accuracy
- Developed OCR model for English, Chinese, Japanese and Korean characters that have 97.5% accuracy

This system is used for:

- Most Privacy Focussed File Locker
- Lock your files or folders or cards with secure face lock
- Advanced and Powerful Face Recognition Technology
- AES256 bit secure encryption technology to secure your data
- Auto background removal software.
- OCR(English, Chinese, Japanese, and so on).
- Auto License Plate Recognition.
- Traffic analysis system.
- Data analysis and prediction model.
- Image segmentation, classification, detection.

## **KYC Developer**

Ausfinex

Feb 2018 - Jul 2019 (1 year 6 months)

KYC Backend development for Coin(Cryptocurrency) Exchange system.

I have developed backend and APIs for a website, mobile app, and other custom applications.

It also supports checking both KYC and AML based on AI/ML.



## **Web, Mobile App Developer**

Cloud Ten Labs

Apr 2016 - Jul 2018 (2 years 4 months)



## **Software Engineer**

Shenyang BOLU Information technology Co., Ltd.

Jan 2014 - Mar 2016 (2 years 3 months)

Developed several kinds of software with Data Analysis, prediction, and image processing.

## **Education**



### **Shenyang Ligong University**

Master's degree, Computer Science

2009 - 2013

## **Skills**

Amazon EC2 • AngularJS • React Native • Full-Stack Development • Express.js • Firebase • Data Science • Java • GitHub • REST APIs