

# BENJAMIN TAN

## Blockchain Developer

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<https://github.com/CodeMaestro11>

## PROFILE

I'm a Blockchain Developer with over 8 years of industry experience. Graduated from Toronto Metropolitan University with a Bachelor's degree in Computer Science and have been deeply involved in Experience ranges from writing smart contracts to creating decentralized apps, with a particular focus on the Ethereum and Solana platforms. Main toolkit includes programming with Solidity, Rust, and React.js, along with expertise in Web3 technologies. As I have collaborated to integrate blockchain capabilities into large-scale applications, teamwork is at the core of my approach.

## EDUCATION

**Bachelor's Degree, Computer Science** 08/2012 - 07/2016  
**NATIONAL UNIVERSITY OF SINGAPORE** SINGAPORE

## WORK EXPERIENCE

**Blockchain Developer** 10/2019 - 02/2024  
**PixelPlex** remote United States

PixelPlex helps you turn your ideas into market-ready software solutions, no matter how challenging they are.

- Developed and implemented smart contracts for KickICO, an Ethereum-based crowdfunding platform, using Solidity.
- Led the creation of an ICO smart contract generator, streamlining the process for campaign founders.
- Collaborated closely with backend and frontend teams to ensure seamless integration of blockchain-powered features.
- Contributed to KickICO's success by enabling groundbreaking startup projects to raise funds securely through token sales.

<https://www.kickico.com/>

**Junior Blockchain Developer** 08/2016 - 09/2019  
**PixelPlex** remote United States

- Developed the Allotment Alf protocol within the Alfprotocol ecosystem on the Solana blockchain.
- Designed and coded smart contracts for lending and overcollateralized borrowing, enhancing liquidity provision.
- Ensured seamless integration with existing protocols and maintained interoperability within the platform.
- Contributed to PixelPlex's expertise in blockchain technology and DeFi solutions through meticulous attention to detail and collaboration with the project team.

<https://alfprotocol.com/>

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## SKILLS

Bitcoin · Ethereum · Solana ·  
Hardhat · Truffle · Foundry · L2 ·  
ZK · Cryptography · Defi · DEX ·  
DAO · NFT · Smart Contract ·  
Solidity · Rust · Anchor ·  
TypeScript · UI/UX design · SCSS ·  
LESS · React.js · Vue · Angular ·  
C++ · C# · Mocha · Chai · IPFS ·  
Polkadot · Data-structure ·  
Algorithm · Next.js · Nuxt.js ·  
SOLID · CI/CD · Git · Github · AWS ·  
GCP · Azure · NGINX · Apache ·  
Docker · Kubernetes · Ethers.js ·  
Web3.js · Cosmos SDK

## LANGUAGES

Tamil Native   
English Proficient