



# BIRU BIN JEBAT

## Senior Blockchain & Full Stack Engineer

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## OBJECTIVE

### - 6 Years with Blockchain

Working with Fungible & Non-Fungible tokens on Several Networks (Ethereum, Solana, Binance Smart Chain, Polygon, ...)  
Extensive experience in developing Defi, DApp - Launching Stable Coins, Mint & Burn, Swapping, Staking, Market Platforms, Bridge, Proxy Contracts...  
Building Smart Contracts using Solidity & Rust, and building Websites using Web3.js & EtherJS  
*SPECIAL: creating new blockchain network forking from solana or ethereum*

### - 8 Years with Full Stack

Working as a Frontend & Backend developer, built several websites for Ecommerce, Social Platforms, Education, Deliver, Tax Management, Personal Banners  
Have rich experience with ReactJS, NextJS, NodeJS, Laravel  
*Strong UI/UX Skills*

## WORK EXPERIENCE

### Blockchain & Senior Full-Stack Engineer

Toptal

Jan 2022 - Aug 2022

#### Achievements:

- Maintained and improved the client portal React.js application.
- Strong Blockchain & crypto experience about Erc20/Erc721 using Solidity and Web3.
- Restful API and GraphQL for building UI with AWS
- Implemented workflows and guidelines for code consistency, readability, maintainability, and testability.
- Maintain CI/CD and development environments
- Conducted R&D (research and development) for libraries and ways to improve our codebase
- Integrate with third-party systems using Cypress
- Java, Python Django, C++, C#, Ruby on Rails for backend with PostgreSQL, MySQL, MongoDB database

#### Technologies used:

React Solidity Web3 Typescript Node Python PostgreSQL MongoDB

### Blockchain Developer

Refinable

Jun 2020 - Dec 2021

#### Achievements:

Launch tokens and smart contracts including websites

- Built the first biggest NFT Marketplace of digital art on Binance Smart Chain using ERC-721 for single and ERC-1155 for multi NFT and BEP-20 for governance token
- Developed whole smart contracts from scratch and past the Audit from SlowMist

## SKILLS & TOOLS

### Blockchain

Solidity

Web3

Rust

Golang

C/C++

### Full Stack

React

NodeJS

Javascript/Typescript

PHP/Laravel

### Others

Python

C#

Ruby on Rails

C/C++

DevOps

AWS Cloud

## EDUCATION

### Master's degree in Computer Science

National University of Singapore  
2016 - 2020

- Implemented basic functionalities of NFT marketplace such as sale, auction, airdrop and used proxy for service fee calculation

Technologies used:

- Solidity
- Web3
- React
- Node
- Rust
- NFT Sale
- NFT Bridge
- Airdrop

Full-Stack & Web3 Developer

Aug 2018 - May 2020

AllianceBlock

Achievements:

- Created templates and automatic smart contract deployment
- Generated Ethereum wallet
- Interacted with the front-end library for smart contracts
- Developed smart contracts for token, ratings, and airdrop

Technologies used:

- Solidity
- React
- Node
- AWS
- CI/CD
- Git

Senior Software Developer

Nov 2017 - Jul 2018

Kindbody

Achievements:

- Maintained and improved the client portal React application with Java spring Boot backend
- Implemented workflows and guidelines for code consistency, readability, maintainability, and testability
- Conducted R&D (research and development) for libraries and ways to improve our codebase

Technologies used:

- React
- Typescript
- Java
- CI/CD

Full-Stack Engineer

May 2017 - Oct 2017

Upwork

Achievements:

- Built RESTful APIs using Flask and SQLAlchemy
- Wrote utility scripts in Python
- Integrated Webpack and React.js into Rails framework
- Ensured the technical feasibility of UI/UX designs
- Integrated and customized Material UI into AngularJS project
- Took part in making decisions on technologies to use
- Contributed to 3 C#/.NET applications
- Reviewed the pull requests submitted from other developers
- Assured that code quality is above par using code linting tools

Technologies used:

- C#
- Laravel
- Django
- React
- .NET
- Ruby on Rails

Full-Stack Engineer

Oct 2016 - Apr 2017

Volkno

Achievements:

- Worked on building movie trailer rating web app and mobile app
- Wrote Python background worker scripts that mines and feeds into database daily

LANGUAGE

English (Professional)

INTERESTS

Football

Walking

Cooking

- Worked with data scientists to resolve database design problems and provide exceptional customer service
- Implemented full-text search for movie plot using Elasticsearch
- Improved analytics charts using D3.js and Highcharts.js
- Improved outdated react-boilerplate codebase

Technologies used:

React

Node

Python

Elasticsearch

React-Native