

Harry Ermawan

hryer.tech@gmail.com

62-85156469207

[linkedin.com/in/hryer](https://www.linkedin.com/in/hryer)

<https://github.com/hryer>

Summary

A man who believes in Blockchain, NFT, dApps, and Crypto since 2017.

Also, he has a background in Computer Science Degree, runner-up Startup Competitions, and Founding / Early Engineer at various tech companies (bootstrapping - unicorn) more than 7 years of experiences.

Current Achievement at Pintu :

- Successfully architect, and develop flexible earn with TVL more than 35+ million USD, and locked earn with TVL more than 2 million USD.
- Successfully manage 40% AUM Earn by develop and architect staking validator features (internal tools)

Current stack: AWS, Blockchain, Docker, Javascript, Go, gRPC

Experience

Web3 Software Engineer

Pintu

May 2023 - Present (11 months)

Pintu, an Indonesian-based crypto exchange, has marked a significant milestone by securing \$113 million USD in its latest funding round, achieving recognition as a leading platform in the cryptocurrency space. With the backing of prominent investors such as Pantera and Coinbase

- Developed a Web3 wallet in the domain of NFT (Non-Fungible Token)
- Developed a Web3 wallet focused on token and cryptocurrency management.
- Additionally assisted in developing transaction management systems.

Software Engineer

Pintu

Oct 2021 - May 2023 (1 year 8 months)

- Served as a judge and creator for an internal DeFi competition.
- Conducted interviews with candidates.
- Developed the Pintu Earn & Staking feature from scratch.
- Engineered various components for PTU Staking.
- Designed and implemented the system architecture for Pintu Locked Earn.
- Designed and implemented the system architecture for Pintu Staking Validator, focusing on Solana & Matic networks.
- Presented as a speaker at Web3 events, focusing on topics such as building on Web3 (including live coding of ERC-721 tokens) at the GDGxUSU event in Medan.

Technical Lead

eFishery

Apr 2021 - Sep 2021 (6 months)

eFishery is now a global aquaculture tech leader based in Indonesia, achieving unicorn status with a \$1.3 billion valuation after a \$108 million Series D funding. Renowned for smart feeding technology and driving aquaculture innovation, eFishery's rapid growth is supported by major investors including G42, SoftBank, and Northstar Group.

- Improve the Last-mile Productivity Team by xx%.
 - Reduces sales money loss around xx% by developing price lock for every product, and real-time prices catalog.
 - Reduces times user discovery around xxx% by fast iteration using no-code or low-code MVP
 - Organized and prioritized work to complete assignments in a timely, efficient manner.
 - Collaborated with cross-functional teams (CEO, Head Product, PM, Marketing, Sales, Ops) to achieve project goals in a timely and effective manner.
 - Effectively participated in cross-team strategizing efforts to achieve optimal goals.
 - Interviewing Candidate
-
- Tech Stacks: Django, Golang, NodeJS
 - Technical Domain Area: B2B, Ops



Software Engineer

eFishery

Jun 2019 - May 2021 (2 years)

- Pioneered as a founding/early engineer in the Supply Chain and Marketplaces business unit.
 - Specialized in building products from zero to one.
 - Successfully amassed over xx000+ data points (leads, members, cultivation, sampling, and harvest) in areas with poor network coverage, achieved by developing fresh-hub apps and their API using React, GraphQL, and NodeJS.
 - Automated and architected services and apps from scratch utilizing Docker, CI/CD, and NGINX.
 - Transitioned API architecture from monolithic to microservices using Domain-Driven Design. Significantly reduced app and service downtime.
 - Cultivated a data-driven decision culture for web apps by integrating Google Tag Manager (GTM) and Google Analytics (GA).
 - Addressed inconsistent app design by initiating and developing a comprehensive Design System.
 - Reduced service downtime by approximately xx% through the migration of all business unit data from Sheets API to RDBMS.
 - Enhanced engineering branding by fostering a collaborative culture and establishing an Engineering Blog, attracting over x000 viewers monthly.
 - Streamlined onboarding and development processes by consolidating separate repositories into a monorepo for shared components.
 - Conducted candidate interviews from 2020 to 2021.
-
- Tech Stacks: NodeJS(expressJs) , React, GraphQL, Golang, Docker, Lerna
 - Technical Domain Area: Supply Chain



Software Engineer

Chipin Indonesia

Mar 2019 - May 2019 (3 months)

Chipin is pioneering platform in the crowdfunding space, focusing on enabling investors to buy stock in private companies. This innovative approach democratized access to private equity investments, allowing a broader range of individuals to participate in early-stage financing opportunities.

- Founding Engineer
- Remove transactions bottlenecks transactions at production by implement mutex
- Acquired xxx++ data about user investment behavior and how they're interested into invest in private companies like startup
- Researched Blockchain VeChain and PoA (proof of authority)

- Managed two freelance software engineers.
- Initiated and established a Design System Frontend using ReactJS and NodeJS.
- Led the ideation process and acquired extensive data on user investment behaviors, specifically in private companies and startups.
- Enhanced transaction processes by implementing a locking mechanism.
- Conducted in-depth research on Blockchain VeChain and Proof of Authority (PoA) on-chain governance mechanisms.

- TechStacks: React, Styled Components, NodeJS, Laravel, Docker, K8s

Front End Engineer

Ralali.com - B2B Marketplace

Mar 2018 - Feb 2019 (1 year)

Ralali.com is an online B2B online marketplace that provide an easy transaction process through technology and features to help seller and buyer doing their business easier, safer and more transparent. Ralali connects both corporate and individual buyers to meet thousands of products at the wholesale price level for the business and company needs from hundreds of trusted and reputable supplier.

- Significantly reduced warehouse and SKU management costs for third parties by developing a dedicated SKU application.
- Developed components and revamped pages for Ralali Marketplaces, the largest B2B marketplace in Indonesia.
- Enhanced Ralali's search functionality by xx%, optimizing front-end performance using Elasticsearch.
- Improved SEO by xx% through the implementation of dynamic URLs in search results.
- Conducted research and implemented the Ralali Loyalty Point system using Blockchain SCP Consensus (Stellar).

- Tech Stacks: AngularJS, Laravel, JQuery, NodeJS, Docker

Education



BINUS University

Computer Science, Oracle (Applied Database)

2015 - 2019

Thesis : Implementation Loyalty Point with Blockchain Technologies using Stellar Network at B2B Marketplace

Minor: Oracle (Applied DB)

Event & Activity:

- Attended Google I/O'18 extended GDG
- Attended Tech In Asia PDC'18 (Sponsored by BINUS University as Digital Entrepreneur)
- Attended Tech In Asia 2017 (Sponsored by BINUS University as Digital Entrepreneur)
- Candidate Assistant Laboratory 16-1 and attended pre-training and core-training NAR 16-1
- Attended on SAP Workshop BINUS CENTER

Contest:

- Contestant Competitive Programming at ICPC 2015 & ICPC 2016
- Contestant Jollybee Recruitment Phase 1 & Phase 2 2015 (Competitive Programming)
- Contestant Jollybee Recruitment Phase 1 & Phase 2 2016 (Competitive Programming)
- Contestant at Indonesian Cyber Army 2015 (Penetration Test Competition)



Udacity

Computer Science, Nano Degree Program

2017 - 2021

- Blockchain Nanodegree Program
- Website Performance Optimization
- Computability, Complexity & Algorithms
- How to Use Git and GitHub

Babastudio.com

Web Master Pro Elite

2016 - 2017

Taking courses :

- HTML, CSS, and Hypnotic Web Design
- PHP Fundamental, Advance, and Framework (CI)
- Javascript & jQuery
- Mobile App
- Digital Marketing, SEO & SEM

All finished with Grade A

Licenses & Certifications



The Complete JavaScript Course: Build a Real-World Project - Udemy



Database in Cloud - Oracle



Web Master Pro Elite [Full-stack Web + Digital Marketing] - PT. Babastudio



Vue JS 2.0 - Mastering Web Apps - Udemy



Kubernetes in the Google Cloud - Qwiklabs

https://google.qwiklabs.com/public_profiles/d3046ff8-a92f-4d36-a568-9f2b55251d5c



World Blockchain Forum Asia 2019 - World Blockchain Forum



Product Development Conference 2018 - Tech in Asia

Skills

Go (Programming Language) • JavaScript • Blockchain • Web3 • Amazon Simple Notification Service (SNS) • Amazon SQS • Microservices • Ethereum • Non-Fungible Tokens (NFTs) • Decentralized Applications (DApps)

Honors & Awards

2nd Place STARTUP WEEKEND 2019 - Gerobak Sayur

2019

<https://e27.co/winners-of-startup-weekend-jakarta-2019-20190408/>

<https://www.f6s.com/foodcircle1>

As co-founder (product & engineering)

Startup Weekend is a 54 hours competition where the best share ideas, form teams, and launch startups (execute business plan, validate, market fit strategies, product, and tech).

Contestant at Finhacks 2019 Blockchain Innovation Asia

2019

Product & Engineer Hackathon Participant