

MOHAMAD ZULHILMI BIN ZAINUDIN

Nationality	: Malaysia	Work Preferences	: Full-time, Remote
LinkedIn	: my.linkedin.com/in/zulhilmizainudin	Notice Period	: 1 month
GitHub	: bit.ly/ZulhilmiGitHub	StackOverflow	: bit.ly/ZulhilmiStackOverflow
Gists	: bit.ly/ZulhilmiGists	Medium	: bit.ly/ZulhilmiMedium

SUMMARY

Over ten years of experience in tech industry, with a strong visual sense, programming skills, good mentoring skills and the ability to translate business objectives into working products. He is currently available for new opportunities in what interest his most, particularly in the software engineering, blockchain and tech leadership.

EDUCATION

Kuala Lumpur Metropolitan University (Computer Graphics) **2012 - 2015**

EXPERIENCE

HelloGold

Team Lead: Blockchain/Ethereum Smart-Contracts

Mar 2019 - Current

Main languages: Ruby, Go, Solidity, NodeJS

- Leading distibuted team of developers
- Mentoring developers to transition from back-end developer to blockchain developer
- Aligning blockchain projects with organization product roadmap
- Enabling cross-team deliveries by working closely with other team leads
- Coordinating discussions with tech advisors and organization stakeholders
- Heading many R&D works to build blockchain product related proof-of-concepts
- Develop global mobile app; USDC ↔ GOLDX (currently in beta) to serve more clients
- Enhancing private blockchain to support increasing transaction volume (PoW to PoA)
- Exploring all the pros and cons of PoA consensus algorithms i.e. Clique, Aura & others
- Analyzing many upgradeable contract, delegatecall and eternal storage patterns
- Evaluating layer 2 solutions such as sidechains and Plasma

HelloGold

Senior Full-stack Developer: Blockchain/Ethereum Smart-Contracts

Jan 2018 - Feb 2019

Main languages: Ruby, Go, Solidity, NodeJS

- Designed the transition of business logics from old system into smart-contracts
- Wrote and develop product blockchain business logics in smart-contracts
- Wrote unit tests for smart-contracts, open source many tools for others
- Launched internal ERC20 token explorer
- Audited smart-contracts, peer-review with other engineers
- Taught and mentored other developers to start writing smart-contracts
- Represented organization in blockchain conferences around the world
- Deployed smart-contracts to private blockchain (PoW)
- Managed private blockchain cluster (nodes) on various cloud providers
- Developed integrations between blockchain and Ruby back-end (mobile app server)
- Implemented ERC20 token for ICO and test many new ERCs for the product

HelloGold

Senior Full-stack Developer: Web & API

June 2016 - Dec 2017

Main languages: Ruby, PHP

- Produced mobile responsive landing pages for many screen sizes
- Designed, built and maintained REST API using Ruby on Rails & Go for mobile apps
- Planned and designed database structures for the application & microservices
- Implemented security layers on API endpoints
- Built pipeline for other developers (code repository, CI/CD, deployment) using Docker
- Led deployment process to cloud platforms for every release
- Worked with other developers/customer support agents to resolve support tickets

BBD Labs

Full-stack Web Developer

Oct 2015 - May 2016

Main languages: Ruby

- Designed, built and maintained efficient, reusable and reliable Ruby code
- Coordinated workflows between design team and front-end team
- Developed integrations between front-end and back-end projects
- Identified bottlenecks/bugs and devise solutions
- Reviewed pull-requests from other developers to maintain code quality
- Supervised and mentored junior developers to understand & implement stories
- Improved apps performance & facilitated other developers with refactoring work
- Consulted customers on new feature requests
- Led deployment process for every releases

Armada Everywhere Sdn Bhd

Creative Designer

Feb 2015 - May 2015

- Planned & coordinated an animation project
- Developed animation editing skills using Toon Boom Harmony & Adobe Premiere Pro
- Restructured the project workflows to improve project delivery process
- Mentored team members to use Adobe Creative Suite softwares
- Negotiated with customers on project terms and deliverables

Freelance

Graphic Designer, Web & Mobile Developer

2008 - Oct 2015

Main language: PHP

- Planned & developed various types of website projects
- Remodeled tech operations in customer organizations using custom solutions
- Trained customers to manage their websites/web applications
- Analyzed leaks in conversion funnels of clients websites and implement A/B tests
- Authored focused tutorials/documentations for customers

SKILLS

Front-end

HTML5, CSS3, SASS, jQuery, AJAX, JavaScript, ES6, ReactJS, AngularJS, MeteorJS, Chrome extensions, UI/UX mockups, design & prototyping, PSD to HTML, WordPress plugins and themes development, Adobe Photoshop, Adobe Illustrator, Adobe XD, Sketch

Back-end

Ruby, Go, NodeJS, Python, PHP, WooCommerce, Solidity, Ethereum smart-contracts, Bash/Shell scripting, IPFS, Serverless/FaaS, REST, MongoDB, Firebase, SQL, PostgreSQL, Redis, Sidekiq, gRPC, Apache Kafka

DevOps/Cloud

AWS, Heroku, DigitalOcean, Linode, Ansible, Vagrant, Docker, Rancher, Kubernetes (experimenting)

Mobile

Phonegap, Ionic, React Native

Others

Git, SCRUM

COMMUNITIES

Dappathon - Mentor & Judge

Dappathon was the first hackathon for Decentralized Applications (DApps). It was the ultimate event for learning, networking with industry and technical experts. It was where participants learned the tools and knowledge to bring their innovative decentralized tech ideas to the real world.

ETHKL - Member, Volunteer & Speaker

ETHKL (Ethereum Kuala Lumpur) is a community for Ethereum developers and enthusiasts around Kuala Lumpur. The members meet every month to exchange ideas and learn from the experts. Some speakers were from Etherscan, Chain Security, Sentinel Chain and many more.

KL Ruby Brigade - Member, Volunteer & Speaker

Monthly meetup run by Rubyists for Rubyists around Kuala Lumpur. It is where people are sharing new tips and tricks about Ruby language. The same community organizes RubyConf Malaysia every year where many international speakers came to share their experiences with the community members.

RailsGirls - Mentor & Volunteer

Founded by Linda Liukas and Karri Saarinen. The first event, held in Helsinki in November 2010, got over 100 interested girls signed-up for the workshop. Since then the free events have expanded to Shanghai, Singapore, Tallinn, Berlin, Krakow, Kuala Lumpur and many more attracting thousands of girls to the world of web building.

CoderDojo - Mentor & Volunteer

CoderDojo is a global movement of free, volunteer-led, community based programming clubs for young people. At a Dojo, young people, between 7 and 17, learn how to code, develop websites, apps, programs, games and explore technology in an informal and creative environment. In addition to learning to code, attendees meet like minded people and are exposed to the possibilities of technology.

TechLadies - Mentor & Volunteer

TechLadies is a community for women in Asia to connect, learn, and advance as programmers in the tech industry. It is run by volunteers from various tech companies such as Peatix, Microsoft, Facebook & etc.

KL Golang - Member

KL Golang is a community of Go developers around Kuala Lumpur. It has monthly meetup where members can come to share and learn from each other about the latest tips and tricks in Go language.

RECENT CONFERENCES

EthCC 2018, Paris

EthCC (Ethereum Community Conference) is a series of conferences and workshops that bring together and strengthen the international Ethereum community. EthCC makes a point of being inclusive. It is non-profit and the tickets are sold at cost price. It consists of tech-savy neophytes and experts, developers and non-techs, blue and white collars, students and researchers.

TruffleCon 2018, Portland

TruffleCon is a gathering for Truffle users, fans, developers, and those who want to build world-changing applications powered by decentralized technologies. The goal is to build community and foster connections in the blockchain developer space, share tips and tricks, challenges and successes.

OPEN SOURCE PROJECTS

[ethname](#)

A simple Go package that can tell if the node is Geth or Parity node

[go_parity_next_nonce](#)

A simple Go package for Parity Next Nonce

[myetherwallet_docker](#)

Docker image to run MyEtherWallet locally

[truffle-events](#)

A simple utility library to form a transaction for deep event testing

[go-ethereum-get-contract-owner](#)

A simple Go package that will return the address of a smart contract owner without ABIGEN using RPC

[ethclient-get-contract-owner](#)

A simple Go package that will return the address of a smart contract owner without ABIGEN using Go Ethereum

[private-key-to-json](#)

A simple CLI tool to convert Ethereum plain private key to UTC/JSON keystore format for development purposes

ADDITIONAL INFO

Languages : English & Malay

Dribbble : <https://dribbble.com/zulhilmizainudin>

Teaching on Udemy : <https://www.udemy.com/user/zulhilmizainudin>

CONTACT

Email : zulhilmizainudin [at] gmail [dot] com

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REFERENCES

Wykeen Seet

CTO, HelloGold

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Dave Appleton

Blockchain Developer, HelloGold

calistralabs [at] gmail [dot] com

Zaim Muzhaffar

iOS Developer, HelloGold

zaem.muz [at] gmail [dot] com

Wykeen Seet

Telegram: <https://t.me/wykeen>, wykeen [at] usa [dot] net

08 July 2019

To Whom It May Concern:

It is with much enthusiasm that I write this letter of recommendation for **Mohamad Zulhilmi Bin Zainudin**, known as Zulh in short form. I am currently the CTO at HelloGold Sdn Bhd (from Sept 2016-Sept 2019), a startup that developed an innovative fintech platform that allows our customers to save in gold. Zulh is one of HelloGold's Technology first hires and he actually started a month before I was roped in to lead the first launch of HelloGold's product in Malaysia and then to Thailand.

The first thing I remembered of Zulh was his maturity, vast knowledge of different technologies and his ability to give you more than expected.

Zulh's maturity is exemplified by the manner he approaches any problems at work. He is organised and systematic in firstly trying to understand the problem. After the problem has been identified, he would then conduct a mixture of collaborative brainstorming with the team and also some individual research to find the best solutions available. After that he would be trusted to execute and when it is done, Zulh would have the details well documented such that it can be easily shared. We rewarded Zulh's dedication and dependability by promoting him to the Lead Blockchain role to further leverage and develop his leadership skills where he mentors team members and also takes ownership of drafting plans and working collaborative with other core teams, a role made easier as he is highly respected.

Even though Zulh might not have a computer science degree, he has been able to master the basics and fundamentals by his own initiative through self-study and also hands on experience. When he is unsure of something, he is humble enough to ask the right questions in the right forums and channels and whatever he learns, he shares his knowledge freely so that others might benefit from his efforts.

Finally, Zulh is rather like a Swiss-Army knife that we could task with tackling new/novel problems, a constant for a startup. Zulh single-handedly setup our first cloud-based servers for HelloGold with uptime monitoring. He is also skilled in Blockchain, particularly that of the Ethereum platform. Zulh was also instrumental in setting up our servers on AWS and was our "Site Reliability Engineer" who was constantly reminding the rest of the Backend team on the latest patches/updates.

I am happy to fully recommend Zulh for any of the following Lead/Senior roles, Full Stack Developer, Blockchain Developer, DevOps Engineer and also other Technology roles as I am confident he will be an invaluable asset.

Thank you,



Wykeen Seet