



R1 DOT MY Sdn Bhd [976862-M]

# COMPANY PROFILE

1st of August, 2018

# Executive Summary

R1 DOT MY is a technical training and consultancy group that was incorporated from Malaysia in 2012, where it has been working with publicly listed companies, government institutions and prominent startups from within the region. We help these organizations learn about how to benefit from and in-turn adopt new technologies such as NoSQL data storage and blockchains.

We've been fortunate enough to work on a host of exciting projects over the years, but perhaps most notable to date has been in the development of Neuroware's Cortex product line. It was first established when we were selected to join Batch 9 of the illustrious 500 Startups accelerator program in Silicon Valley at the beginning of 2014. It was during our time there in the USA that [Venturebeat](#) declared Neuroware as one of the 5 most promising startups to watch from the Batch 9 demo day pitches that took place at the Microsoft campus in Mountain View.

Cortex provides a single unified interface for managing different blockchains and the various protocols being developed on them. By using private customized APIs we are able to offer a unique infrastructural foundation for enterprise clients by offering the following primary features:

- Identity, Authentication and Role Management
- Distributed Data and Document Storage
- Custom Token Generation & Analytics
- Cryptographic Keyless eWallets
- Works with Any Blockchain

Whilst finding ourselves [repeatedly](#) listed as one of Malaysia's top FinTech companies, as well as more recently listed by Deloitte as the [only Malaysian company](#) to make their top 50 list - in reality, we are a technical vendor with multiple financial and regulatory clientele. This includes our most recent Cortex subscriber being the Securities Commission of Malaysia as they welcomed us into their newly launched innovation lab and sandbox. We now find ourselves addressing national problems whilst also helping the country define industry wide blueprints.

With our more recent launch of the [Blockchain Embassy](#) of Asia and its successful registration with the Malaysian government as a non-profit organization, we now have a group consortium with which we can start to approach a much wider spectrum of industries. We've already seen some results with the launch of the Red Money blockchain based training certificate pilot project that was conducted at the end of 2017 as well as our ongoing [Interplanetary Embassy](#) work.

Kind regards;

Mark Smalley  
Founder & CEO

# Company Introduction

R1 DOT MY is a technical training and consultancy group that was incorporated in 2012. It has since founded several technology communities, products and various other brands:

- [Neuroware.io](http://Neuroware.io) - blockchain infrastructure providers
- [BCE.asia](http://BCE.asia) - blockchain consortium / registered NGO
- [Bloqverse.com](http://Bloqverse.com) - ethereum smart contract framework

## History

At the beginning of 2012, R1 DOT MY won an award for its open-source NoSQL solution; MongoPress. It was this product that was used as the foundation for forming our company when we became the first Southeast Asian business to be registered with MongoDB Inc as a qualified vendor capable of providing MongoDB enterprise solutions. We then went on to help develop the Maybank PFM solution as a white-labelled financial management service; becoming the world's first banking solution to be successfully implemented utilizing NoSQL databases.

At the end of 2013 we launched Neuroware - a brand that was initially providing an open-source blockchain developer framework and public API service. It was this brand that caught the attention of 500 startups, who then offered us a place within their accelerator program in Silicon Valley where we spent four months further developing our ideas. Since then, we have been working with a broad spectrum of industries, from regional and central banks, through to licensed equity crowdfunding operators and the government institutions that regulate these organizations; with clients including DBS Singapore and the Securities Commission of Malaysia.

This led to us becoming the first blockchain-based MSC status company in 2016 as well as the first company of its kind to be certified by the Ministry of Finance for government tenders. Disillusioned by the USA financial bailout in 2008 and awestruck by the implications of the technical community's response to that event by creating Bitcoin; the founders share a common goal. We continue the work to improve the lives of all Malaysians because we believe that the immutable data storage offered by blockchains and the transparency enforced upon participants within these new distributed networks finally provides the opportunity for change.

## Mission

It is our mission to help organizations adopt new technologies in a more meaningful way.

## Vision

Our vision for accountability in all governance is the motivation for our business decisions.

## Management Team

### Mark Smalley | CEO

Mark has been building distributed applications on the blockchains for over 6 years now. Before that, he used to build web-applications and helped to organize and present at several prominent technology groups and conferences. He was the first qualified MongoDB Master in Southeast Asia, where he won an award for his open-source NoSQL Content Management System.

### Ruben Tan | CTO

Ruben is one of Malaysia's leading NodeJS developers, founding member of the Malaysian JS User-Group, and regular contributor to many open-source projects and communities. Having explored distributed consensus technologies and relational graphs with previous projects such as MyTeksi and OnApp with a wealth of server-side knowledge and programming languages.

### Yu Jin | Lead Developer

Yu Jin also worked with Ruben at Bookya, a former NodeJS developer who has spent the past two years learning the ins and outs of Ethereum smart contracts and the Solidity language used.

### Zayan Yassin | BCE Attache

Zayan has not only been providing Neuroware with a temporary marketing manager but is much more importantly leading our efforts at the blockchain embassy, which amongst a host of ever-changing responsibilities also involves the coordination of the various volunteers that are contributing to these community efforts.

### Gareth Davies | Security Advisor

Gareth currently serves as the CTO at Mindvalley.com and also operates a prominent security news portal called DarkNet, from where he advises organizations such as the BBC.

### Wu Han | UX Advisor

Wu Han currently serves as the Head of User Experience at Maxis.com.my and has been a pivotal force within the local technology and startup community.

### Hanson Toh | Marketing Advisor

An ex-Google employee now leading Axiata Digital Services in Malaysia, Hanson has provided considerable insights into our overall strategy and marketing efforts.

## Products and Services

Since being paid by DBS in Singapore to help organize the world's first bank-backed blockchain hackathon at the end of 2015, our primary focus has revolved around training, consulting and event management with financial institutions, services and regulatory agencies.

## Training & Workshops

Our training specialties include advanced technological trends such as distributed ledgers, BIG Data, Artificial Intelligence and IoT - taught by those using these technologies in the real-world.

### Technical Bootcamps

Our immersive approach to learning new technologies utilizes a combination of lecture based training and hands-on technical workshops, where we will personally guide participants as the group actively deploys working prototypes that are specifically based upon their core industry requirements. Topics include:

- Distributed Systems
- Blockchains & Ledgers
- Financial Technology

### Developer Workshops

It is often said that the best way to learn is by doing, which is why we provide developer workshops conducted by community leaders that focus on problems specific to each organization's needs. We combine elements from presented material along with group sharing and pair-programming with the participants. Topics include:

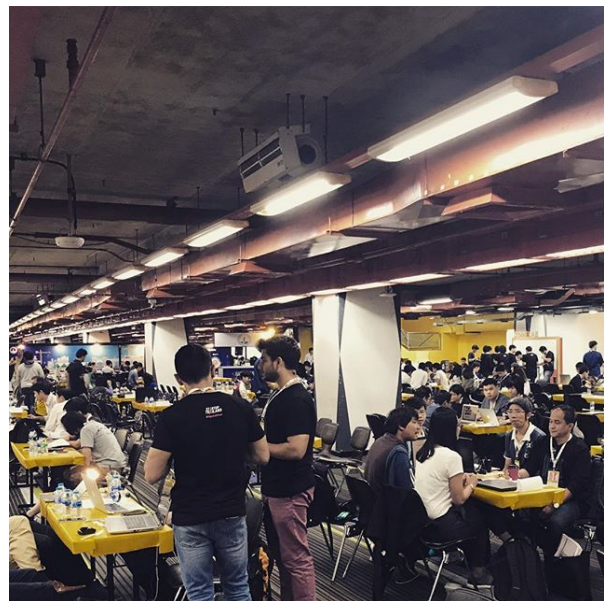
- Data Management
- dApp Development
- Smart Contracts

### Operational Training

We often find that the best results come from teams that have knowledgeable leaders who also understand the potential of these new technologies - which is why we offer both personal one-on-one training for executive directors, or in small private groups with various managers and decision makers. Topics for which we provide personal coaching include:

- Blockchains 101
- FinTech 101

## Photos of Past Events and Our Clientele

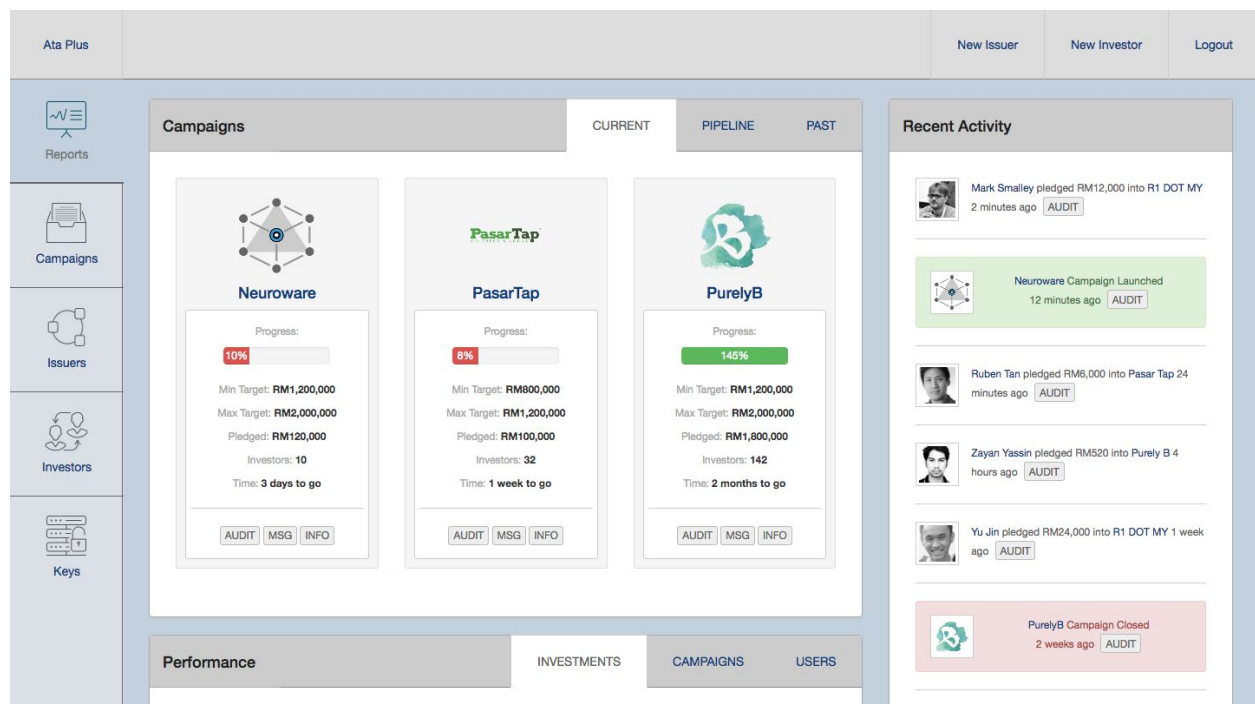


## Consultation Services

From project management to full-stack development; our experienced team of veteran design and implementation teams are actively working with financial institutions and the various regulatory agencies that govern them. Our consultation services have been approved by the Ministry of Finance as the only blockchain company able to submit to government tenders.

## Cortex

Cortex not only provides a unified interface for any blockchain, which allows business owners a way to easily manage distributed data, digital identities and role management - but much more importantly, since we maintain our own blockchain infrastructure - we are also uniquely capable of providing private APIs that are designed around each client's individual protocol schemas.



- **Front-End Applications**

From enterprise wallets to token creation and contract management

- **Smart Contract Middleware**

KYC, AML, Escrow, Units Trusts & Exchange

- **Back-End Infrastructure**

From public and private networks with distributed file storage and custom API endpoints





## Blockchain Embassy

The [Blockchain Embassy](#) of Asia is a registered non-profit society approved by the Malaysian government. It was formed by representatives from several Malaysian companies working collaboratively to improve the ecosystem, with other ambassadors including:

- Maybank
- RHB Bank
- ATA-Plus (ECF Operator)
- Capital Bay (FinTech Startup)
- Red Money (Islamic Financial Training)
- iTrain (Technology Training)
- Lim Jo Yan & Co (Law Firm)

At a surface level, the blockchain embassy provides community and organizational education, but it also provides a neutral environment for companies to collaborate on projects whilst ensuring its growing list of members have the right tools and insights to better understand blockchain technology and how it can be applied to their businesses.

One such public tool that also showcases Cortex's ability to easily launch custom tokens can be seen by visiting the [Interplanetary Embassy](#), which acts as the organization's donation platform: