

Vice President, Engineering

52% of the world can't access healthcare: we're a business that does something about it. Join us.

How does it work? We've built an app that works offline, and then go to more rural areas and train the health workers and independent people to be a decentralised network of field agents. They collect data on health needs, run targeted awareness and screening campaigns (which is productised and funded by a huge range of global companies) and then order and manage the distribution of private sector medicines, insurance plans and community health products! We're now looking to enhance this platform more, and become a comprehensive, end-to-end health service for less urbanised.

This isn't an easy task, but we're doing it – this isn't all talk! 5 countries, 5,500 agents trained, 50 core staff, and 500,000 lives touched so far. Most of this growth came in 2021, and we are planning to double this in the next six months too...

Why work with us? We are a tech start-up, in a unique space, with a new value proposition to build a socially minded business models for half the planet. You get to be creative, move fast, own truly important things, grow, and help people. We're not a charity either, we are redesigning how affordable healthcare is delivered through truly innovative business and service delivery models – we've raised VC money and are revenue generating and are focusing on our scale up.

We already work with over half of the world's largest pharmaceutical companies and have footholds in five markets, including India and Indonesia (with close to 20% of the world population there – with more growth and partnerships planned), and Philippines, Cambodia, and Kenya too! We're just getting started though, so get onboard: do something that matters.

Learn more on [our website](#), find some of our features in the news ([Tech in Asia](#) , [Straits Times, with our founder story](#) , or [Facebook talking about us](#)? Or just Google reach52!), [watch this explainer video](#) – or just get in touch! 😊

Who are we looking for?

Digital and technology innovation holds the keys that unlock health for all. We've grown our team quite organically and as we look towards our next fundraise, we need a VP of Engineering, and that could be you! You will help us continuously build, scale, and achieve our mission – leading our team of 10 engineers now, and growing the team (aiming to double). We also have QA, infra and tech support – that you'll work closely with.

We've rebuilt our app to v2.0, and now the fun really can begin. We want to build an API-based superapp that integrates all essential health services in one place – leveraging our network of agents to help get data on health needs and offer a range of personalised services to their community: access to screening services, targeted health awareness campaigns, ordering medicines and other health products, getting medical advice, etc.

You'll be the spearhead the company's strategic technology roadmap, development, and future growth. In this position, you will oversee our overall technology development, product lifecycle, develop our apps and manage all engineering resources of our company...

You need to get our stack (MEAN mainly, with Kotlin and various other tools), like to get your hands dirty by working directly with the Engineering team and our users, but also be a strategic thinker that works closely alongside our CEO and leadership team, investors, and business partners to bring our strategy to life.

You have got a great team already (around 10 people) waiting here, and we want to double it when you join – so you've got to be good at people management too!

The ideal candidate will be an experienced leader in the tech space across several companies, ideally including start-ups with a knowledge of healthcare, and be an ambitious, multitasking go-getter who thrives in a fast-paced environment.

Title: VP, Engineering

Employment: Permanent with probation period

Start Date: ASAP

Location: Singapore or Bangalore

Reporting to: CEO

What you'll do

In short: this is a big job and you run the show!

- Work as part of the Management Team at reach52 to deliver our mission, vision, and strategy – you'll get experience on a global stage across 5 countries and counting, with some of the biggest organisations in the world!
- Manage, grow, and engage our Engineering team across Philippines and India, as well as outsourced development partners, to deliver requirements and write beautiful code (10 Engineers and growing!)
- Build our superapp and platform that users will love! Lead the architecture and design of our tech product (version 2.0 of our current app) including selecting the best fit technology platforms, data and system architecture that fits the company's midterm needs – scalable, stable, but still sexy!
- Ensure robust quality assurance and ensure our product is rigorously tested and meets specification – if it breaks, fix it fast 😊
- Be a teambuilder: Lead by example, inspire the team, be respected for technical capability
- Continuously improve and drive best practices around software engineering, code writing, and lead the resilience and scalability of solutions
- Create overall technology standards and practices and ensure we actually do them, not just write them down
- Track, analyse and monitor technology performance metrics – and also get involved with our data pipe and visualisation too...
- Step in to support in DevOps, bug triaging, quality assurance and testing wherever needed – you'll probably have the best and worst job in the team, we are a start-up after all! 😊

Who you are (probably!)

We're reasonably sure you should have a profile like this, but we can flex sometimes:

- 10 years of industry experience with 5+ years of experience leading engineering teams – we're not super fussy, but we need someone with a good level of experience!
- Deep knowledge of architecture and design – we want scalable, micro-services for an offline-first environment!
- Knowledge of health / digital health is strongly preferred – or knowledge of insurance/fintech, or supply chain management – it's a bit hard to learn, so HL7/FHIR/SNOMED should mean something to you!
- Hands on experience with complex project management, comfortably with Agile and Scrum-based working!
- Outstanding communication, interpersonal and leadership skills – you'll need to talk to a lot of people, not just code... sorry
- Excellent organisational and time-management skills – we want to get big, so prioritising is key and there will probably be some politics and fights along the way too 😊
- Proactive problem solver with deep attention to detail – catch the bugs and fix them if you don't!
- Strong grasp of full stack networking, scalable back-end, and all genres of platforms such as:
 - Cloud platforms
 - Kotlin / node.JS / ReactJS / AngularJS
 - SQL and NoSQL databases and replication
 - Commercially secure communications
 - Website / API security
 - Application integration
 - Design of off-line services
 - Containerisation (docker)
 - Quality assurance, and CI/CD tools
- Willingness and ability to travel in the region, and to rural areas – got to get out and see the users when COVID subsides!
- Love an ever-changing set of challenges and projects to work on – we really are growing fast and planning to change the world, so if you come onboard then buckle up, captain!

Up for it? Love it! Ship your CV, and introduce yourself, to edward@reach52.com!