



Front-End and Back-End Developers Up to £55k

The Company

iTouch Smart Tech: Helping governments reach Net Zero by 2030 through ground-breaking Smart Building solutions

iTouch Smart Tech is a start-up business helping governments to tackle energy consumption issues city by city. iTouch's combination of hardware and software brings a ground breaking mesh network Smart Building solution using LoRaWAN technology. On top of this network, efficient Energy Monitoring Analytics Systems are installed, alongside Safety Monitoring and countless other resource management applications. The system brings real-time data analytics to facilities managers.

iTouch has already successfully sold its solution into large Government contracts, and the company is rapidly scaling up to produce the needed devices and mesh network solutions. This demonstrable growth is fuelling iTouch's aims as a tech-for-good organisation that's making a real-world difference.

The company is now recruiting Front- and Back-End Developers for their team. If you are a Developer who is seeking an opportunity to be a leading light in a fast-growing start-up company that is focused on helping our society to achieve Net Zero goals, this is the opportunity for you.

The Product

"Energy Management Monitoring Analytics" (EMMA) uses Long Range (LoRaWAN) communication and low power technologies to reach through walls of high-rise buildings and hard to access urban areas. It has a Multi Redundancy Network Architecture utilizing a Mesh Network Array to minimize single point of failure. Our cloud-based secure services utilise multi levels data encryption and multi-regions data storage to ensure secure data storage.

Two Roles

- The Back-End Software Engineer will focus predominantly on technologies including Java, understanding on Spring Boot framework, database PostgreSQL and AWS.
- The Front-End Software Engineer will focus on building front-end software working with Angular, JavaScript, CSS and HTML5
- Both roles will require:
 - Working across the software development life cycle to develop the product from planning and analysis to design and development
 - Building custom features while seeking to maximise reuse and productisation of features

- Implementation and delivery of designs/support/fixes as part of a continuous delivery mechanism through to live deployments
- Addressing bugs/changes, and problem-solving issues as part of wider team.

Essential Technical Skills

- Back-end: Experience in Java, Spring Boot, SQL and AWS
- Front-end: Experience in Angular, JavaScript, CSS and HTML5

Desirable Technical Skills

- Experience in micro-service development tooling such as Docker or Spring Boot
- Experience of build and test automation, preferably including continuous delivery
- Experience working with IOT devices

Salary Package

- Both roles will offer a base salary of up to £55k
- Annual Bonus
- Share Options Scheme
- Pension
- Flexible/Remote Working

About the Company Founder: Dr. Kian Peng Yong

Dr. Kian Peng Yong has been a technology leader, innovator and entrepreneur in the NI Tech Sector for over 20 years having achieved his Ph.D. in Artificial Neural Networks in 1998. He worked with Openwave for 10 years as a Senior Consultant and then with Anaeko as Senior Solution Architect, designing architecture for cloud-based software.

Having founded iTouchEnergy in 2012, he has developed many world-first solutions including the first Solar Blind system. With iTouch Smart Tech, his focus is currently on using Smart Building solutions to make a real-world difference.