

# Software Engineer – Full Stack

## About EMAX

EMAX is developing blockchain-based energy solutions and turning them into innovative customer-centric experiences. We empower consumers to take control over their own energy supply and reducing utility middlemen, fees and bureaucracy. We believe democratising the world's power systems is best achieved through the rapid implementation of disruptive, digitally-enabled transactive technologies, by enabling collaboration between consumers, prosumers, energy producers and industry incumbents.

We are a fast-growing company with deep roots in energy, consultancy and technology. We're excited about the future of energy production and consumption and are just beginning to uncover the potential of our platform to influence the energy model of the future, and already the possibilities seem endless.

## General position description

As a Software Engineer you will be working closely with architect/solution engineer, product managers and cross functional teams to design and develop modules and components of DApps using multiple blockchain Implementations. You will work independently and contribute to the immediate team and to other teams across business.

Blockchain technology is a complex emerging capability that is far from mature. Above and beyond any of the "essential" skills for this job, you must have a love of learning and experimentation with new technologies and a passion for learning by doing and leading by example. If you consider yourself an open source enthusiast, a hobbyist in development or a best in class architect with a desire to gain knowledge in an emerging market, please apply.

## Key responsibilities

- Be a part of an engineering team that creates Innovative solutions to emerging and existing business problems by developing high quality software products using multiple DLT/Blockchain technologies
- Serve as one of the SMEs in the organization on blockchain technology advancement research, evaluation, ongoing platform evaluation as well as partnership strategy formation/pivot
- Capture system level requirements by brainstorming with Sr. Architects, Data Scientists, Businesses & Product Managers
- Demonstrate the understanding of Agile software development lifecycle and able to distinguish the core inputs and outputs in each cycle.
- Maintain code quality through best practices, unit testing and code quality automation
- Demonstrate the ability to make informed technology choices after due diligence and impact assessment
- Understand whole product, its modules and the interrelationship between them while being an expert in the assigned component or module
- Help in designing interfaces and information exchange between modules
- Possess advanced domain knowledge and show great customer focus. Expert in processes / methodologies and Skilled in build, release & deployment processes
- Find opportunities to improve/build the community ecosystem

- Develop clear, well-communicated, thoroughly tested, complete code for complex product features or sub-systems

### **Required skills**

- 5+ years of experience in full-stack Software Engineering
- Strong background in Computer Science or Engineering and knowledge pertaining to consensus methods, data structures, decentralized ledgers, cryptographies and cryptocurrencies, and data security is most desirable
- Experience with programming languages -- e.g., Python, Java, C++, Ruby, .NET and understanding of web technologies like HTML5, CSS3, JavaScript etc. and cloud- based technologies (AWS, DevOps)
- Knowledge of software design, architecture, data structures and algorithms
- Capable of designing and building out API's that developer community could be engaged to leverage
- Experience working with REST services, microservices, and reactive designs
- Collaborates closely with ML, Product, Design, and QA to spec, build, test and deploy new features.
- Ability to work in an agile environment and coach more junior engineers

### **Contact us**

Please submit your cover letter and resume at: [thong.vuvan@emaxgroup.eu](mailto:thong.vuvan@emaxgroup.eu)