Abstract:

Building a supply chain marketplace on Ethereum might transform the business.Ethereum is a decentralised platform that allows for the development of smart contracts, which can automate complicated processes such as supply chain management. Here are the steps to creating an Ethereum supply chain marketplace.Define your supply chain marketplace's requirements, including the capabilities you wish to offer, such as inventory management, tracking, and payment processing. Create smart contracts that automate supply chain management procedures. These smart contracts can be used to track the flow of items, verify product authenticity, and automate payment processing.

Bios:

Aarya Kale-

I am an E&Tc student in my last year at Cummins College of Engineering, Pune. I am now working as an IT intern at Tresvista Analytics LLP. I have an interest in Machine Learning, cyber security and supply chain management.

Vaishnavi Joshi-

I'm Vaishnavi Joshi, an engineering student at Cummins College of Engineering in Pune. My current project at Ansys as an intern involves developing optimization techniques for antenna designs. I am passionate about learning new tech stacks and am interested in deep learning and machine learning.

Sakshi Joshi-

I am an E&tc student in my last year at Cummins College. I am presently interning as a PLP programmer at Ameya Automation. I'm curious about web3 development.

Tech Stack:

FrontEnd: React

BackEnd: Solidity, javascript

APIs/SDK: hardhat, ether js, web3 modal, metamask