

# KAUSTUBH MISHRA

EMAIL | LINKEDIN | GITHUB | LEETCODE | CODECHEF

## ABOUT:

I am an aspiring Blockchain Developer with experience in the fields of Blockchain, Hardware, IoT, and Web-Development. Apart from working on several projects in different development domains, I am constantly working on my core coding skills through Competitive Coding, and methodically studying DSA. I am pursuing my Bachelor's Degree in Computer Science and Engineering with a specialization in Business Systems from Vellore Institute of Technology-Vellore. My current interests are in the fields of Blockchain, core SWE, Core Java Programming, and Cloud Computing.

## EDUCATION:

DEGREE/CERTIFICATE	INSTITUTE/BOARD	CGPA/PERCENTAGE	YEAR
B.TECH	VELLORE INSTITUTE OF TECHNOLOGY, VELLORE	8.33	2020-PRESENT
HIGHER SECONDARY(XII)	INDIAN SCHOOL CERTIFICATE(ISC)	86.5%	2018-2020
SECONDARY(X)	INDIAN CERTIFICATE OF SECONDARY EDUCATION(ICSE)	90.4%	2018

## EXPERIENCE:

- **PROCIAL - BLOCKCHAIN DEVELOPER INTERN** (March 2022 - Present)
  - Working towards building a Decentralized Social Identity (DSI) Protocol for bringing interoperability to Web3 and Metaverse.
  - Building and deploying Smart contracts in solidity for various sub-projects relating to DeFi.
- **IET VIT - TECHNICAL HEAD** (January 2022 - Present)
  - Mentoring and guiding Team Fourth Dimension, the technical team of IET-VIT, the best technical chapter(awarded) of VIT.

## TECHNICAL SKILLS:

- **Programming Languages:** Java, C++, C, Python, JavaScript, Solidity, SmartPY, Rust
- **Tools:** MySQL, Remix, Truffle, Ganache
- **Frameworks:** NodeJS, Web3.js, Ether.js
- **IoT/Hardware:** Arduino Uno, Raspberry Pi, basic IoT sensors

## PROJECTS/WORKS:

- **DRIP MONITOR** - Technologies: Arduino, Android, FireBase ([Github](#))
  - A project to efficiently monitor the drip levels at hospitals, while also detecting any bubble formation in the liquid used; a process that is currently done manually by nurses when they periodically check the drip.
  - Uses a light detecting resistor, an HC-SR04 ultrasonic sensor, a light source, and a microcontroller system(Arduino Uno).
  - An accompanying android application notifies the concerned hospital staff about issues and irregularities pertaining to the drip bottle.
- **CHARE** - Technologies: Solidity, Web3, Truffle, Ganache ([Github](#))
  - A decentralized uber-like platform being built through blockchain. Smart contracts built in solidity and deployed through truffle and ganache.
  - Added functionality of an SOS button to shoot out messages in case of an emergency.
- **SWING CALCULATOR** - Technologies: JAVA ([Github](#))
  - A simple java project I assigned myself to learn about the Swing GUI toolkit and its uses.
  - Has all the basic features of a standard scientific calculator.
- **PERSONAL WEB PORTFOLIO** - Technologies: HTML, CSS, JS ([Github](#))
  - My web portfolio. I assigned myself this project to learn about basic web-development technologies(HTML, CSS, Bootstrap, and Javascript)
  - Currently under development with a lot of content outdated, the current release can be found [here](#).