



EDITION 04

HOT POTATOES IN THE TECH ERA

BITCHAT

Imagine being at a massive music festival or stuck in a remote village with no internet, but still needing to send a message to a friend. That's exactly the problem Bitchat aims to solve. Developed by Jack Dorsey (founder of twitter) , this isn't just another chat app, it's a messaging system that works without the internet, without SIM cards, and without central servers. It's like having a secret courier network in your pocket, where each phone acts as a little node, passing messages to others nearby using Bluetooth. Think of it as a chain of gossips: your gossip hops from one person to the next until it reaches its destination. Because it's end-to-end encrypted, no outsider can eavesdrop. And in emergencies; natural disasters, network shutdowns, or even censorship-heavy areas: Bitchat could be a lifeline. But the real magic is in the future potential. Imagine activists coordinating safely, remote communities connecting instantly, or disaster response teams sending critical updates in real-time, all without relying on traditional networks. Of course, it's still early, with security checks ongoing, but the concept hints at a world where communication doesn't depend on big tech infrastructure. In a sense, Bitchat is planting the seeds for a more resilient, decentralized way of staying connected—one Bluetooth hop at a time.

SYNTHETIC DATA PLATFORMS

Trying to teach a child about the world, but you can't take them outside. You'd have to create little mini-worlds in your living room, toy houses, tiny roads, maybe even little cars, so they can learn by playing safely. That's basically what synthetic data does for AI. Instead of feeding a model only real-world data, which can be limited, messy, or private, synthetic data platforms generate entirely artificial datasets that behave like the real thing. This is a game-changer. AI can now learn in a safe playground without risking sensitive information. For example, companies can train a self-driving car system using simulated streets, traffic, and pedestrians before ever putting a real vehicle on the road. Or banks can test fraud detection models without exposing real customer data. The future potential is massive. With synthetic data, we could create endless datasets for AI in healthcare, finance, urban planning, and even creative industries. It could make AI faster, fairer, and safer because we no longer rely on incomplete or biased real-world data. It's like giving AI the chance to practice in a virtual gym before stepping into the real world. And as platforms get smarter, we'll see more industries confidently embracing AI solutions, knowing the training ground is both limitless and risk-free.

TOTAL OFFERS = 18

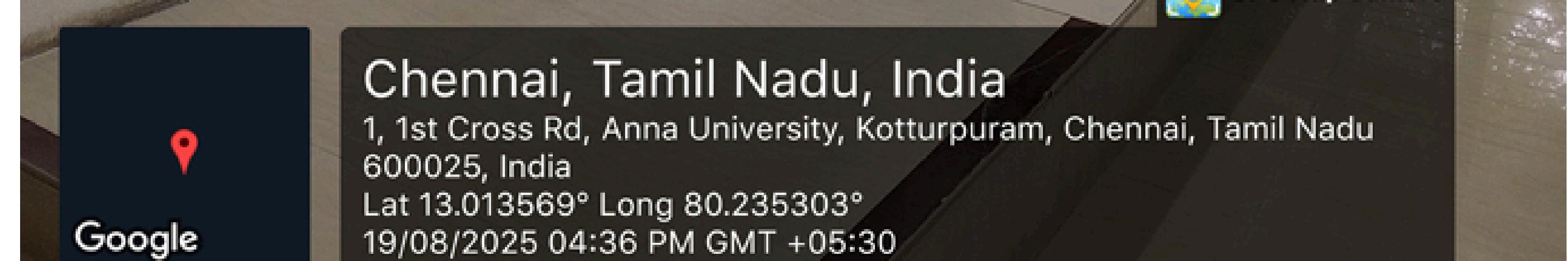
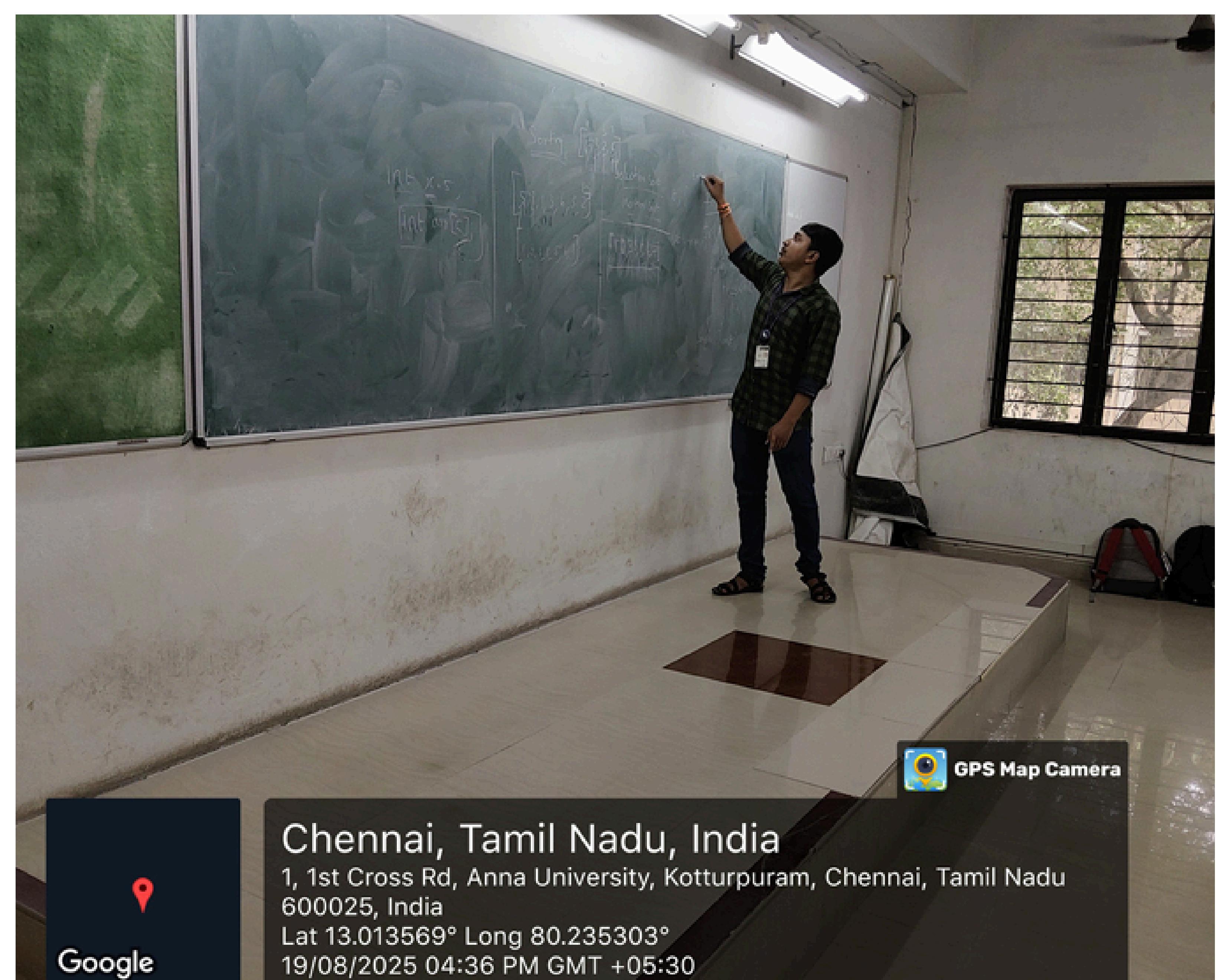
ISTA'S OFFICIAL MONTHLY NEWSLETTER

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TECH-TREK AND ACTIVITIES

The Courses domain conducted sessions for the second-year students, providing them with an in-depth understanding of concepts such as Sorting and Searching. Another exclusive session was organized for the second years, focusing on the fundamentals as well as a few advanced concepts in Object-Oriented Programming, with lively interactions. A special note of appreciation goes to **Neelakandan, Sreeram, and Prithvi**, whose dedication played a key role in making these sessions a success.



GPS Map Camera

INTERNSHIP
StatisticsD E Shaw 1, Appian 5 ,Wells Fargo 4 ,Barclays 2 ,American Express 1,
NatWest 2, AtumX Innovations 1, Cetosoft Infotech 1, Google 1

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EDITION 04

PLACEMENT

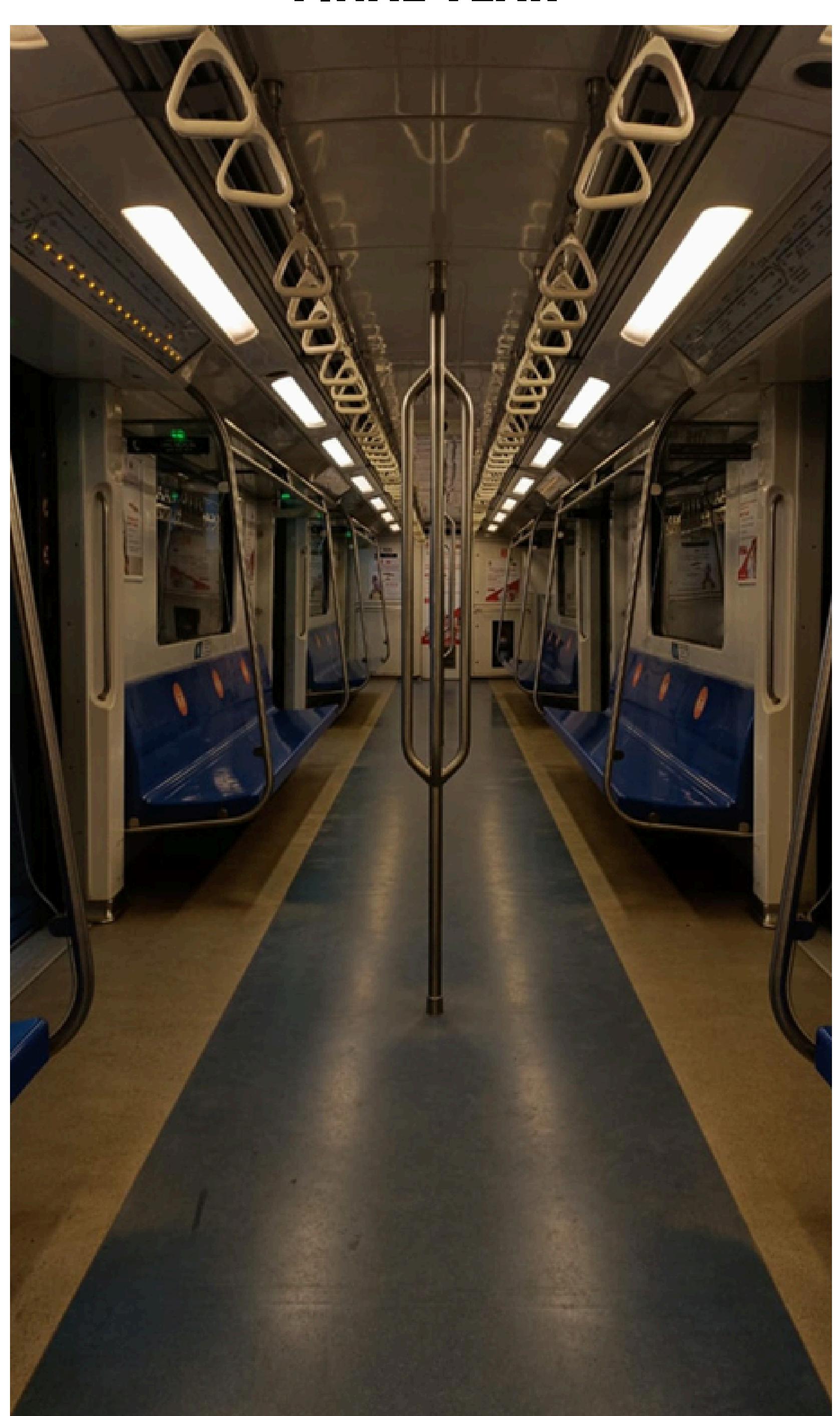
Statistics

TOTAL OFFERS = 32

Fidelity Investments	5
Vegrow	1
Accenture	1
Appian Corporation	6
Barclays	4
Wells Fargo	4
SAP Labs	1
Nokia	2
American Express	1
Tekion	4
NatWest	3

SHEVANIGA SRIDHAR-2022115008

FINAL YEAR



Instance

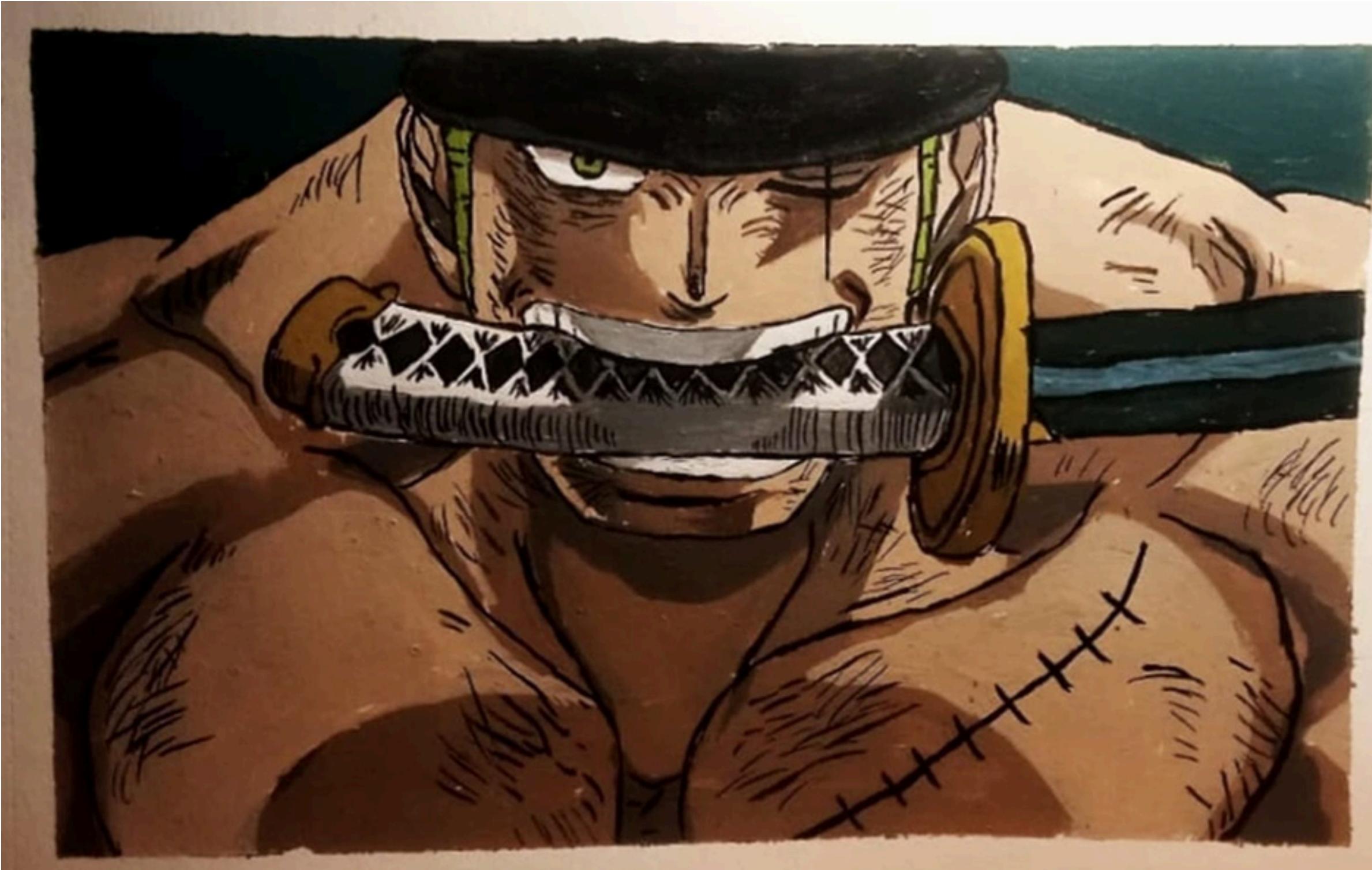
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ART, PHOTOGRAPHY AND OTHERS

PREETHI B-2022115305-FINAL YEAR



NIKHIL V-2025115130-FIRST YEAR



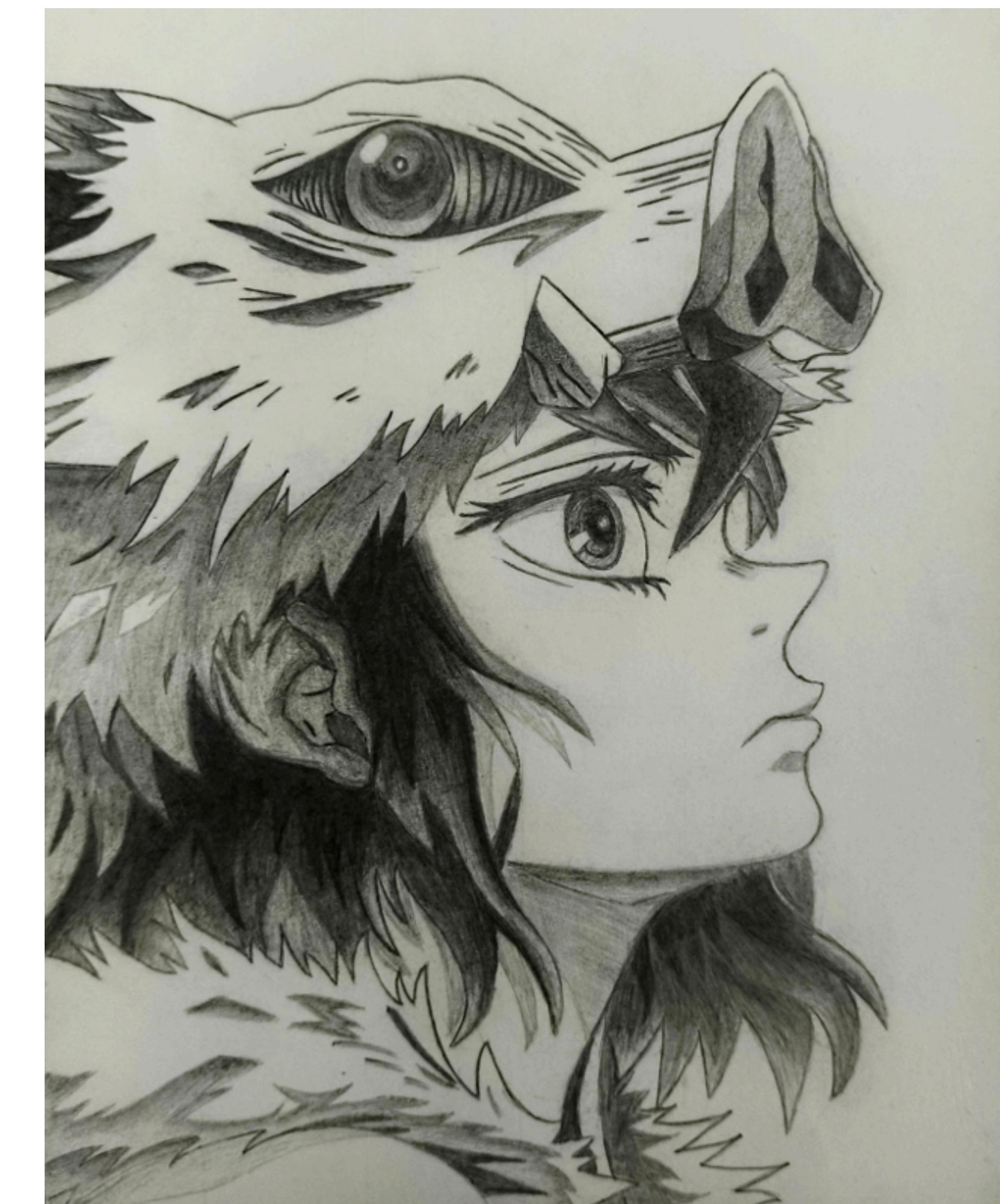
NILA P R-2024115095-SECOND YEAR



SHREYA KUSHWAHA-2025115158-FIRST YEAR



TINKOO -2025115139-FIRST YEAR



SALAI KOWSHIKAN -2022115081-FINAL YEAR



A guy saw developers using seven different algorithms and protocols to do a task. He thought "We should standardize this so that everybody follows the same". Now there are eight different protocols to do a task :(

