1.Logical thicking.

Logical thicking patha potta videos, neriya response panni irunthinga, so thank you so much, puthusa kathukanum iruka unga mindset, really appreciate it. next video la answer solranu solli iruntha, unga responce nalla irunthathu, neengala answer la comment panninga, antha vishyam rombavum super ah irunthu, antha cake video ku, answer neenga enna va irukum nu, yosika arambichingala, appove logical thicking process start ayiduchu,

Cake-ah 8 equal pieces ah cut panna, 3 cuts use pannanum na:

1️⃣ First Cut – Cake-ah vertical ah rendu equal half ah cut pannunga.
2️⃣ Second Cut – Ippo horizontal ah rendu half ah cut pannunga. Ippo 4 pieces aagidum.
3️⃣ Third Cut – Cake-ah flat ah vechu pakkathula irundhu oru straight cut pannunga. Ippo mela iruka 4 pieces um, keela iruka 4 pieces um divide aagi, total 8 equal pieces aagidum!

ipo na innum deep ah oru sila steps solra Logical thinking ah pathi.

**Logical Thinking nu sollumbothu, ithu mattum illa!**
Logic na oru problem ah **understand** panni, **simplify** panni, **correct method** use panni solve pannurathu.

**Logical Thinking Improve Panna:**

- Pattern Recognition - Oru problem la iruka pattern ah kandupidichitu athuku right solution use pannunga.

- Breaking Down Problems - Periya problem ah chinna chinna steps ah divide panni solve pannlam.
- Trial & Error - ellame first try la perfect ah varaathu, so different methods use panni practice pannu.
- Brain Teasers & Puzzles - Daily oru logic-based problem solve panna habit eh start pannunga.

**Example:**
IT la debugging panumbothu, **bug ethuku varuthu?** nu yosika vendiyathu dhaan Logical Thinking. **Code change panna enna impact agum?** nu clear ah predict panna mudiyum.

Logical Thinking pathi ungaluku yantha alauvuku pujurukunu Comment pannunga!

## 2.Communication.

Enaku communication the lag, matha padi en filed pathi ellame enaku theriyum na intha video ungaluku tha,

Neenga work panra office-la, company growth pathi oru conference meeting nadakuthu, Ungaluku oru nalla idea thonuthu, antha idea sona, total company skyrocket-a growth aayirum. Neegalum solringa, aana, **correct-a convey panna mudila**. Andha edhuthula communication tha hero. Yavlo periya Idea va irunthalum, atha seriya convey panaraku Communication skill romba Mukiya.

**Communication Skills** na just pesurathu illa, unga point ah **correct ah convey panrathu, points ah understand panni, and connect panna** theriyanum. Nalla skills irundhaalum, **express panna theriyala na, adhu useless!**

**Communication Develop Pana tips solra note panikonga**

**1.Listening ah Improve Pannuga** – Pesurathu vida, **neriya listening** pannnga.
2.simple ana words use panni unga point ah **clarity** ah convey panunga.

3.Daily mirror munadi ninnu pesi practice pannunga, then itha panranala body language improve agum, then confident pakka va Boost agum.
4.**Think Before You Speak** – Fast ah react pannama, **solra vishyam** yosichu pesunga.
5.**Read & Observe** – Books, Podcasts, YouTube – **Knowledge** absorb panni, apply pannu.

> IT la **romba mukiyyam** proper ana communication mukkiyam! **Client Interaction ah irukattum, Interviews & Career Growth, Problem-Solving ellathukum base nalla comunication. Vai ulla pulla polachukum solluvanga. Inke comunnication develop panna start panunga**

**Communication Skills improve panna epdi try panriinga?**
Comment pannunga!

## 3.Mern stack and mean stack

Vantha DM-la nerya per keta topic, **MERN Stack MEAN Stack** ku difference enna nu?
**MERN Stack**, **MEAN Stack** ma enna? Simple-a sollra…Save panikonga.
Ippo, **2 per 2 veedu katraga nu vechukonga,**
**Athula oruthar wood vechu katranga, innoruthar bricks vechu katranga,**
**Wood** vechu katra veedu **MERN Stack mathiri,**wood la vechu katra veddu fast, flexible, and easy katlam,modify um easy ah panikalam…
**Ipadi katra veddu** Window or door change panrathunalum,, easy-a pannalam.
**Ithu concept the mern stach**
**MERN Stack** na **React** use panni build pannuvanga. Ipo **React** la, app build panna components reusable irundhaalum, changes and updates are super easy panlam,

So ithu tha mern stack
**Inoruthar bricks eh vechu** veedu katraru.
Bricks ah vechu seiyara veedu, starting la packava plan pannittu start panuvanga,
Ithe mathiri tha **MEAN Stack, MEAN Stack** la **Angular** use pannuvanga. **Angular** is a full-fledged framework, designed for large-scale applications.**Angular** la, full structure ah, data binding, irunkum. **MEAN** is perfect for large apps,. It's stable, but not as flexible as **React**.

## 4.API

nee oru hot coffee glass touch panringa. **Instant ah un kai edupingala? illa yosichi kai edupingala? Illa automatic athu nadakutha?**

Ithu epadi nadakuthu,

- Un fingers heat ah feel panum. Athu oru data nu vechikalam,

  Antha data va nervous system moolama un brain kita **"Danger, Heat!"** nu signal anuppum. Atha past la nadantha experience vechu Brain analyze panni, **"Kai edukkanum!"** nu order kudukum.

- Antha data thirumba Un kai ku vanthu lightning speed la antha glass la irunthu eduthudum
- Finger nu sonathu (Frontend)
- Nerveros system nu sonathu API
- Brain nu sonathu backend

Intha concept ah seriya ungaluku purunjithuna na, Itha concept la work aguthu

API Application programming interface

**Simple ah solanumna?**

**Frontend kum back end kum connect panra oru bridge tha,**

Nee Google la search panrathula – API backend kita request anuppi, results fetch pani ungaluku result send pannum,

Ipo Neenga oru food order panrathu– API backend ku request anuppi, restaurant ku notification anupum, aparam restaurant la food make panni koodupanga,

Nee Insta story upload panrathu koodu – API server la store panni, unga followers ku display pannum.

Inthu ungaluku yanthu alavuku purunjuthunu commont pannunga..

## 5.Naama everyday use panra Facebook and Instagram app-la enna nadakuthu-nu yosichirkingala?

**Facebook** pathi paakalam. initially **PHP**-la build pannirundha. But adhu growth koodum bodhu, **Hack**-nu oru faster version create panniduchu. **Python**-a use panni to handle the massive data. **JavaScript** appa naama paathirukkura smooth scrolling, posts-ku like and comment panna, ivlo smooth-a irundhudu. **React.js**-a use pannuvaanga, adhu naama interact panna posts-ai dynamic-a make panrathu.

**Instagram**-la paathalum, backend la **Python** with **Django** framework use pannirukanga, ithu Instagram-ai fast and scalable-a make pannum. Just like Facebook, **JavaScript** and **React.js** use

pannuvanga for the dynamic design and smooth interface. Mobile apps? **Swift**-la iOS, **Java**-la Android – idhula ellam perfect-a work pannudhu.

So, ivlo different languages use pannidha, appo naama smooth-a interact panna platform enjoy panra!

6.

**Intha ulagatthula yaaru mudhalil programmer theriyuma?"**
Ada Lovelace, avanga oru ponnu thaaan, ipo iurka athana developers ku av seriyana inspiration, 1800s la! Avangale oru puthiya idea vechu, "Code ezhuthulam" nu yosichuchanga.

**Aana, andha samayathula computers kooda illa, aana punch cards mathiri oru concept la code konduvanthanga. ada lovelace.**
Punch cards la holes irundha, adhu on-off mathiri work panna, andha machines purinjikum,

**Ada Lovelace, mudhal algorithm ezhuthinaanga, andha samayathula computers illa naalum, ava future pathi seriya predict panni irunthanga irundha.**
"Future computers music play pannum, chess vilayadum!" nu ava predict pannina, adha tha ipo nadanthuttu iruku! Avanga than world la first programmer.

**tech evolution-ku base coding thaan!** Binary system-na on,off dhaan, aana andha simple logic-oda power ethana periya innovations-a create panniruku!

1800s la Ada Lovelace future computers-a purinjikittu first programmer-a aagitta. Athu pola dhan, inniki AI, blockchain,

metaverse – ellathukum **code thaan foundation.** So, digital world-la perusa grow aaganum-na, **coding-a purinjikanum, adapt aaganum!**

7.Chat gpt Vs DEEPseek(reaserach about topic)

# Intha concept real time atha pathi research pani, system la screen katra mathiri concept,

Hi makkale, inniku na **DeepSeek and ChatGPT** pathi research panni sollalam. Irandum AI tools dhan, but na enna paatha, avanga use panna oru difference iruku. Namma point of view la paathutu pesalam!
**ChatGPT:**
Ithu oru **all-rounder AI**. Naan paatha, ChatGPT ku ethavathu ketta, adhu easy-ah answer kudukum. For example, na "Write me a story about a robot falling in love" nu keten. Adhu full-ah oru story eluthi kuduthuthu! 🧠✨ Creative-ah irukum, and fun-ah use pannalam. Daily life la jokes ketalam, recipes kedaikalam, or even school essays eluthalam. Naan paatha, ChatGPT is like your **smart friend** who knows a little bit of everything.
But, na DeepSeek-ah paatha, adhu konjam different.
**DeepSeek:**
Ithu oru **data specialist**. Naan oru example kuduthu sollaren. Naan "What's the future of AI in healthcare?" nu DeepSeek-ah keten. Adhu enaku oru detailed report kuduthuthu:
- "AI in healthcare will grow by 40% in the next 5 years."
- "Here are the top 3 trends: predictive analytics, robotic surgery, and personalized medicine."
- "This is how it will impact patient care."
  Adhu data-ya analyze pani, patterns kandupudikum. So, DeepSeek is like your **data scientist friend** who gives you super-specific answers.
**Naan paatha Difference:**
- **ChatGPT** is best for **general tasks** – like writing, brainstorming, or fun conversations.
- **DeepSeek** is best for **data-driven tasks** – like research, analysis, or technical insights.
**Real-Life Example:**
Naan oru business idea vechu ChatGPT-ya keten: "How to start a small bakery?" Adhu enaku creative ideas kuduthuthu – like social media marketing, unique recipes, and customer engagement tips.

But, na DeepSeek-ah same question ketta, adhu enaku market trends, customer preferences, and even competitor analysis-ah kuduthuthu. For example:

- "Bakery businesses in your area have a 15% higher demand during festivals."
- "Here's a breakdown of popular products and their profit margins."

So, naan paatha, **ChatGPT** is your **creative buddy**, and **DeepSeek** is your **data guru**.

## 8.Material UI

Hi makkale, inniku na oru interesting topic pathi pesalam – **Material UI**. Ithu frontend developers ku best toolkit nu nenaikarengala? Naan paatha, ithu romba useful dhan. Let's break it down!

**What is Material UI?**

Material UI (or MUI) is a **React-based framework**. Ithu Google's Material Design principles-ah follow panum. means, pre-built components, styles, and themes irukum, so neenga scratch-ah elutha vendam. Ready-made solutions ah irukum.

**Advantages ennana?**

- **Pre-Built Components:**Buttons, cards, dropdowns, modals – ellam ready-ah irukum. Neenga customize pannalam, but basic-ah start panna easy irukum,
- **Responsive Design:**Ithu automatically mobile, tablet, and desktop-ku adjust agum.
- **Theming:**Neenga oru theme create panni, atha entire app la use pannalam. Adhu consistency maintain pannum.

**Naan Paatha Disadvantages:**

- **Learning Curve:**
Ithu use panna, konjam practice venum. Beginners ku konjam tough-ah irukum.

Naan oru project la Material UI use pannen. Adhula, naan oru dashboard create pannanumnu irunthathu. Material UI-oda pre-built tables, charts, and buttons use panni, naan project-ah 2 days la complete pannen. Normally, adhuku 1 week agum!

So, naan paatha, **Material UI is a great toolkit** for frontend developers, especially if you're working on tight deadlines.

# 9. Coding therinja tan IT velai Kidaikum nu Iam IIa

IT na coding- coding na IT, romba neriya paduchatha IT la velakeadikum oh?

**Seman Vishval- very wrong bro.**

**Mr.Y: Apadila illa bro,**

"IT na coding mattum illa,athuku relevent ah neraya scope iruku! Ungaluku already iruka intrest ah ithoda combine panna pothum,

Nennga marketing la interest na? Digital marketing try pannalam. SEO, social media, ads, IT companies ku top demand.

"Neenga creativity side la intrest ah irunthingana? UI/UX designing kathukittu try panlam. Apps, websites, la unga Creativity la nalla designing pannilam,

Neenga analysis la interest na? Business analyst aagalam. Company growth ku strategy eh plan panrathu unga role ah irukum,

Incase technical side pidichiruntha? Cloud computing kathukalam. Servers, data, network security… IT la ippo biggest growth ana area ithu.

Neenga  problem-solving la interest na? IT support, networking la job kedaikum! System issues fix panna therinja, company ku neeriya iruku.

IT la job venumna coding mattum illa! Neenga ethula strong nu nenikaringalo, atha build pannikonga.

Itha enga la free ah kathukalam nu, ungaluku oru roadmap panni iruka, "NON-IT nu comment pannunga, ungaluku antha PDF ready ungaluku DM panra."

10.**How to Create ATS Friendly resume.**

https://www.youtube.com/watch?v=y7_pQ5j_v68

Person sogama ukanthu irukan, suddun ah avan friend vanthu kekeran, yanda sogama iruka, apadinu,

Athuku avan solra, na nalla skilled ah tha iruka, ana yathana company ku reseme amuchalam, thirumba call pana matirunga, inoruthar solraru kavala padatha athu ATS resume ah optimize pannaum, atha panna, easy short list ayirlam, apatha yapadi nu na solra,

**Resume apply pannitu wait panra, aana response illa? Problem ungala illa, unga resume-ku thaan! ATS system scan panna 10 super tips solren!**

**1. Resume format correct ah choose pannunga!**

- **Reverse Chronological Resume ku** best. Latest job first, apparam old jobs list pannunga.
- Combination Resume use panna, skills + experience mix pannunga.
- Functional Resume **avoid**—ATS ku read panna mudiyathu.

 **2. Resume la headings simple ah vechunga!**

- **Work Experience, Education, Skills** nu clear ah label pannunga.
- "My Journey" madhiri fancy headings vechurunga.

## 3. Keywords smart ah use pannunga!

- Job description la irukura **important words** resume la add pannu.
- Example: Digital marketing job na **SEO, Google Ads, Lead Generation** madhiri words add pannu.

## 4. Graphics, tables, images ellam avoid pannunga!

- ATS ku read panna mudiyathu, so resume **text-based** ah irukanum.

## 5. Font and file format correct ah use pannunga!

- Arial, Calibri, Verdana madhiri simple fonts use pannunga.
- Resume **PDF or DOCX** la save pannunga. PNG, JPG la save panna **ATS read panna mudiyathu.**

## 6. Dates format proper ah irukanum!

- **Month-Year format** use pannu. Example: **Jan 2022 – Present**.
- 01/2022 madhiri short format la kudutha ATS confuse aagum.

## 7. Resume headline add pannunga!

- Example: **"Certified Digital Marketer | Google Ads & SEO Specialist"**
- Recruiter first la than ungala paakum!

## 8. Headers & Footers la important details vechuratha avoid pannunga!

- ATS scan panna mudiyathu, so details proper ana section la veinga.

### 9. Resume name professional ah save pannunga!

- Example: **unga peru divya na divya_DigitalMarketing_Resume.pdf**
- "Resume_final_v3.pdf" madhiri save panna **avoid**.

### 10. ATS scan panna free tools use pannunga!

- **Jobscan, Resume Worded** madhiri sites la upload panni check pannunga.

**Final Tip!**
Resume **ATS-friendly ah format pannuna than shortlist aagum!**

### 11. 5 videos to learn UI/UX for free - say channel name and video - what is explained there - 1-2 line for each video.

Hey, UI/UX padika aasai? But enga start panarathu nu Confused-a irukingala?apo na solra 5 super-useful YouTube videos ah parunga, basic to pro level ku UI/UX design FREE-a kathukalam.

**1. Habeebz - UI/UX Tutorials**
UI/UX design basic to advance complete playlist la clear ah intha channel la explain panni irukanga

   **2.Tharani Subramanian - UI/UX Basics**
U**I/UX design enna apadinu** Basic terms, prototyping, wireframing, and the importance of user-friendly designs – ellame **Tamil la clear-a** explain pannirukanga! I

**3. The Design Show - Beginner's UI/UX Guide**
**Intha channel la UI UX oda principles laws pathi detailed ah play list iruku, ivaru video pathingana nalla understanding kedaikum,**

**4. Bring Your Own Laptop - Hands-On UI/UX Tutorials**
**English la one of the best channel to Learn UI UX, Ithula Figma and Adobe XD ah clear ah explain panni irupanga.**

**5. DesignCourse - Pro UI/UX Training**
30 days la UI Ux padikanum na intha channel ah Check panni parunga.

Design pathi ethavathu doubt iruntha comment la solunga,

## 13.C-programming-

Programming la *C* tha basic? Simple ah sollanum na
*mother of all programming languages*!  Neenga  Java, Python, C++ nu solra languages ellam C oda pasanga dhaan!
C programming oda starting point - **Hello World**! Ithu Simple ah irunthalum, but intha point thaan  programming oda basics ah purinjukittu ellathukum help pannum. Syntax la oru code elutha bothu - every semicolon, every bracket, every indentation romba mukiyam,
C la neenga enna panna mudiyum? From simple calculator apps to complex algorithms, ellame C la possible! Loops, conditions, functions - ivalo building blocks use panni nee enna venalum create pannalam! Ithoda **Structures**  - ivanga use panni nee real-world data ah organize pannalam. Example: Student details, Employee records - ellam easy ah manage pannalam! But C oda real power? **Pointers and Memory Management**! Ivanga thaan C ku superpower koduthuthu. Direct ah memory ah access panni, neenga programs ah optimize pannalam. Adhanala C is still the king of performance!  Pointers

konjam confusing ah irukkalam, but once u master it, neengalum oru good programmer tha.

C programming intha world la enna impact nu paakalam. Windows, Linux, macOS - ivalo operating systems C la dhaan built. Even today, C is everywhere!  Nee intha basics ah solid ah padicha, nee already half battle jeichita!

## 14. Python Road map

Python zero-lendhu kathukanum-na, **6 weeks** la base strong panna ithu unaku **perfect roadmap!** Save pannunga!

---

**Week 1 - Basics & Setup and padikanga..**
Vs code install panittu + IDE setup panlam.
Variables understand panni, data types, operators,
Conditions (`if-else`), loops (`for`, `while`) ithalam padikalam,

**Week 2 - Lists, Tuples, Dictionaries, Sets**
Lists: `append()`, `remove()`, sorting
Tuples & Dictionaries: `keys()`, `values()`
Sets: Unique values ithakam kathukalam

**Week 3 - Functions & File Handling**
Functions, arguments, return values
Lambda functions, File read/write, itha vechu To-do list program-la try pannunga.

**Week 4 - Modules & Error Handling**
`math`, `random`, `os` modules
Try-except blocks for error handling- ithu avreikum panna project ah vechu, error handling try panlam.
**Practice:** Password validation program, itha vechu password validation practice panni parunga,

**Week 5 - OOPs Basics kathukalam**
Classes, Objects, Constructor (`__init__`)
Inheritance, Method overriding
**Practice:** Student management system mathiri ready panlam,

**Week 6 - Mini Project panlam, panittu atha Review**
Revise all topics
Build a **CLI-based calculator** or **To-do list**

**Full free learning resources bio la iruku! Save pannunga!**

## 15.Logical thinking Question;

Logical thickening question 2

Neenga oru coffee shop la irukeenga. Cash counter la long queue! Aana oru simple logic use panna neenga first ah bill katta mudiyum. Eppadi?

Idhu cheat illa, shortcut illa... Pure logical thinking!

ithu IT ku field la enna mukkiyam?

Coding kathukalam, aana real-world problem solving illa na IT la grow panna mudiyathu. Nama already itha pathi pesi irukom.

Solution?

Daily life la nadakra situations ah logical way la yosikkanum! Athu dhan original problem-solving skill.

Challenge: Coffee shop la queue skip panna unga idea enna? Comment pannunga!

Next video la answer + logical thinking secret tip share panra!

answer:

**Takeaway Order Pannunga!**

- Neraya shops la **Takeaway Counter** separate ah irukum.
- Inside seating queue la nikkanum, aana takeaway ku **queue short ah irukum!**
- Fast ah order place pannitu **coffee ah carry panna mudiyum!** 😎

Option 2 – **Mobile Payment Use Pannunga!**

- Cash counter la neraya perum **cash transaction** panranga, athunala time edukum.
- Neenga **UPI / Card** use panna instant ah payment panna mudiyum.
- Neraya places la **"Digital Payments Priority Counter"** irukum – athula fast ah bill katta mudiyum!

14. Micro controller

15. Front-end ku roadmap

16. Free-internship

17. Phython ku roadmap

18. React J.s detail ah video

19.Mobile application development

20.Logical Thinking - 4