

Internet & Web Development

Agenda

- What is internet?
- How internet works?
- What happens when you search a webpage?
- What is a webpage?
- Idea of web development - Frontend vs Backend development
- Concept of programming/coding
- Development tools

Google



Google Search

I'm Feeling Lucky

Google offered in: हिन्दी বাংলা తెలుగు मराठी தமிழ் ગુજરાતી ಕನ್ನಡ മലയാളം ਪੰਜਾਬੀ



9:00 AM - 5:30 PM IST
Saturday and Sunday - CLOSED



+91 623 8210 114
kba@duk.ac.in

CONTACT US

COURSES

PRODUCTS

RESEARCH

JOB OPENINGS

BLOCKHASH LIVE

MORE



BEGIN WITH

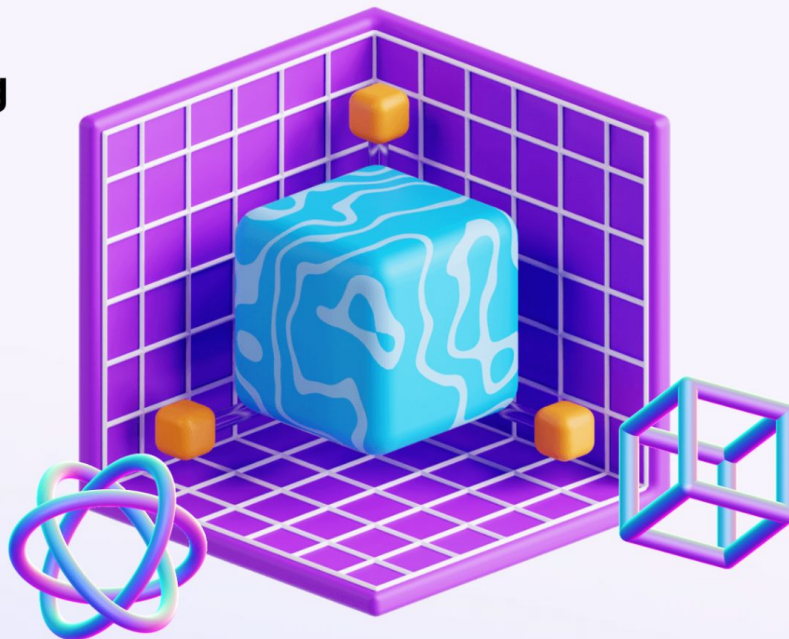
India's First Blockchain Training and Research Institute

Create Tomorrow's Decentralized Solutions Through Our Blockchain Courses

GET STARTED



Video Demo



<https://kba.ai/>

https://www.example.com

**Protocol
(scheme)**

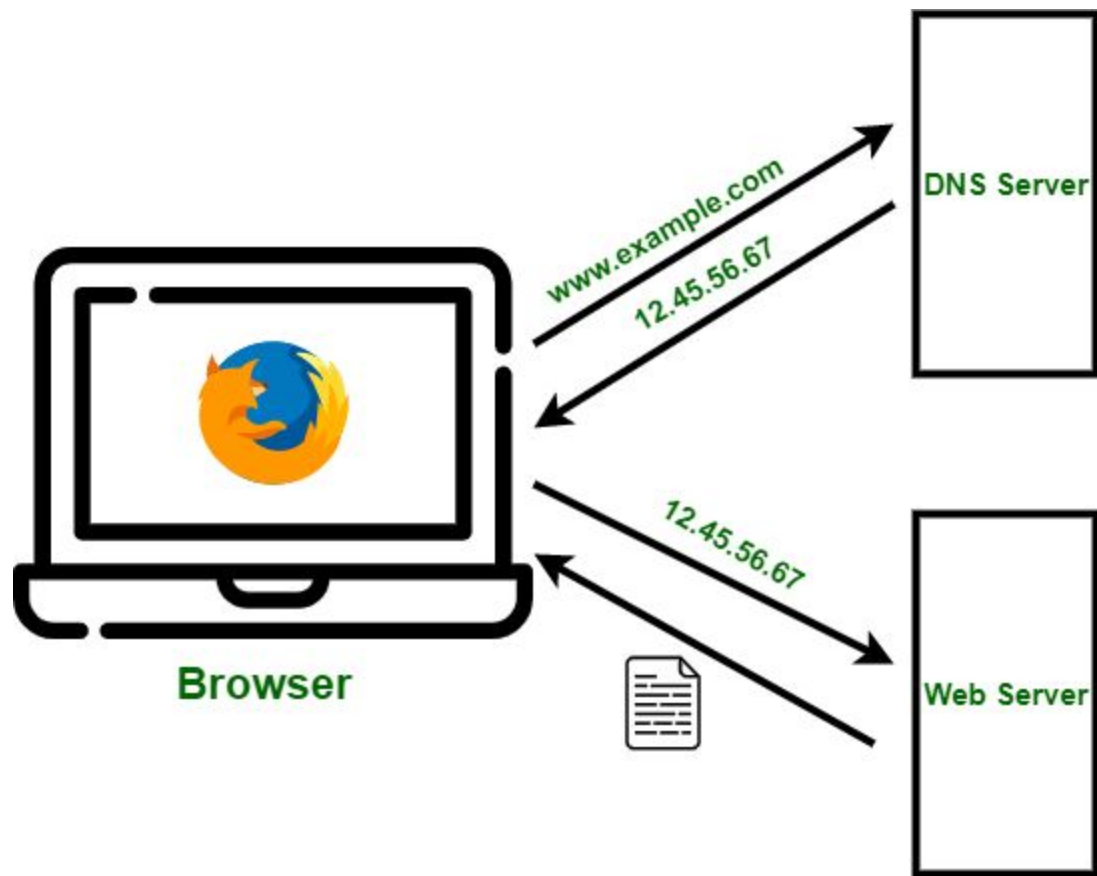
**Sub-
domain**

**Domain
name**

**Top level
domain (TLD)**

HTTP VS HTTPS





localhost

127.0.0.1:8080



Client

Send request for a static webpage



Send back the static webpage



Internet

Send request to the web server



Retrieve the static webpage



Search for the static webpage requested



Web Server



A



B

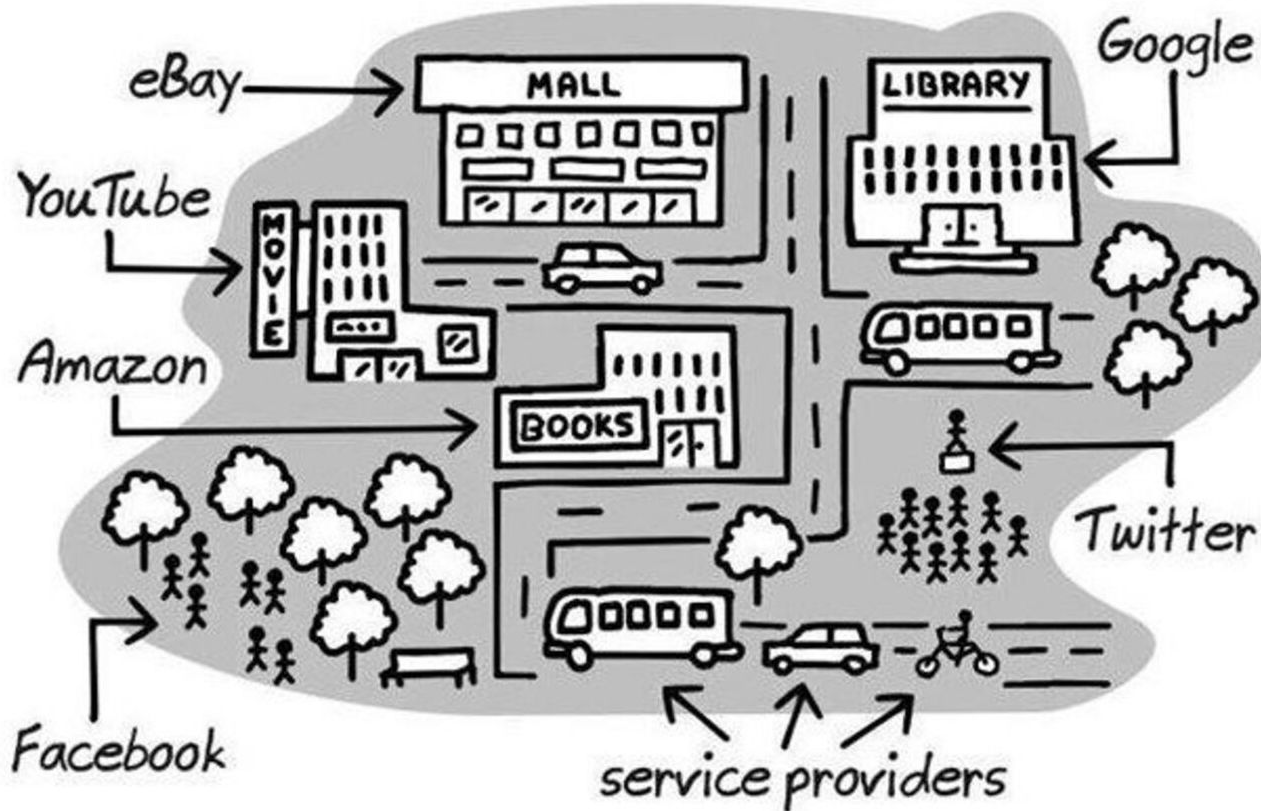


BIRTH OF INTERNET



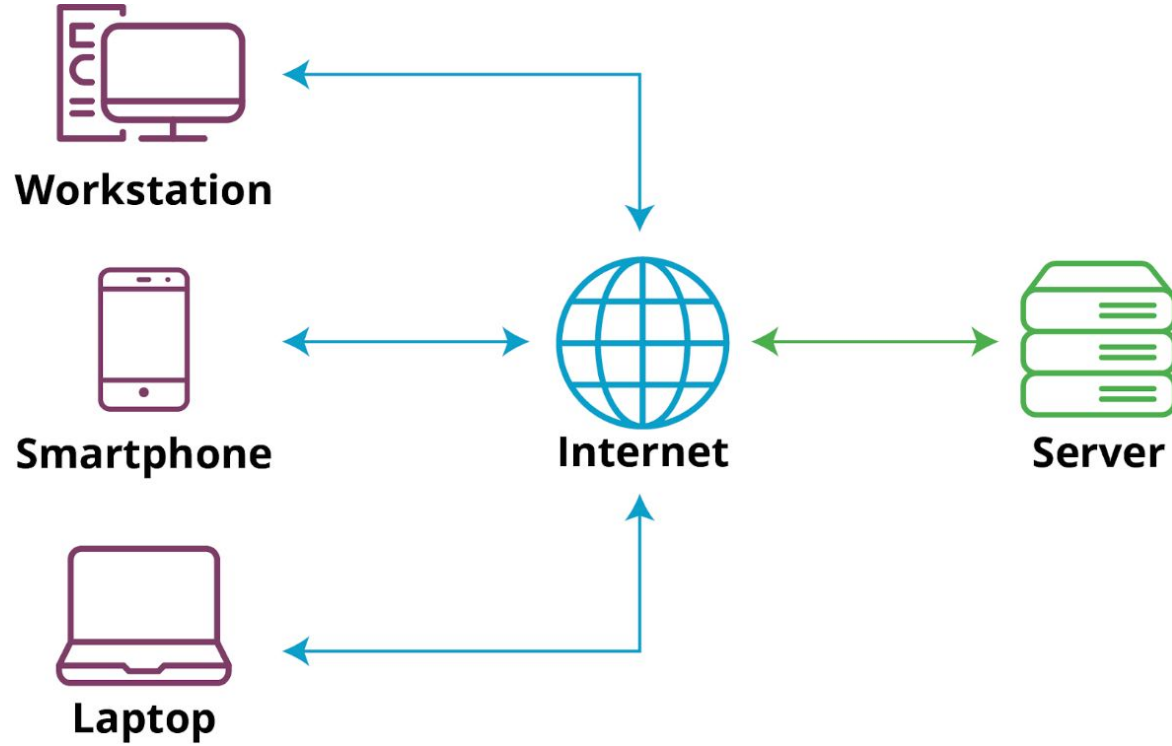
"The Team Behind ARPANET"

The Outernet



Webpages

- <https://users.ece.utexas.edu/~holmes/Teaching/EE302/Slides/UnitOne/tsld019.htm>
- <https://curious.co/>
- <https://fpp.net/>
- <https://mubasic-test.webflow.io/>
- <https://spotify.design/>



DIFFERENT TYPES OF WEB DEVELOPMENT



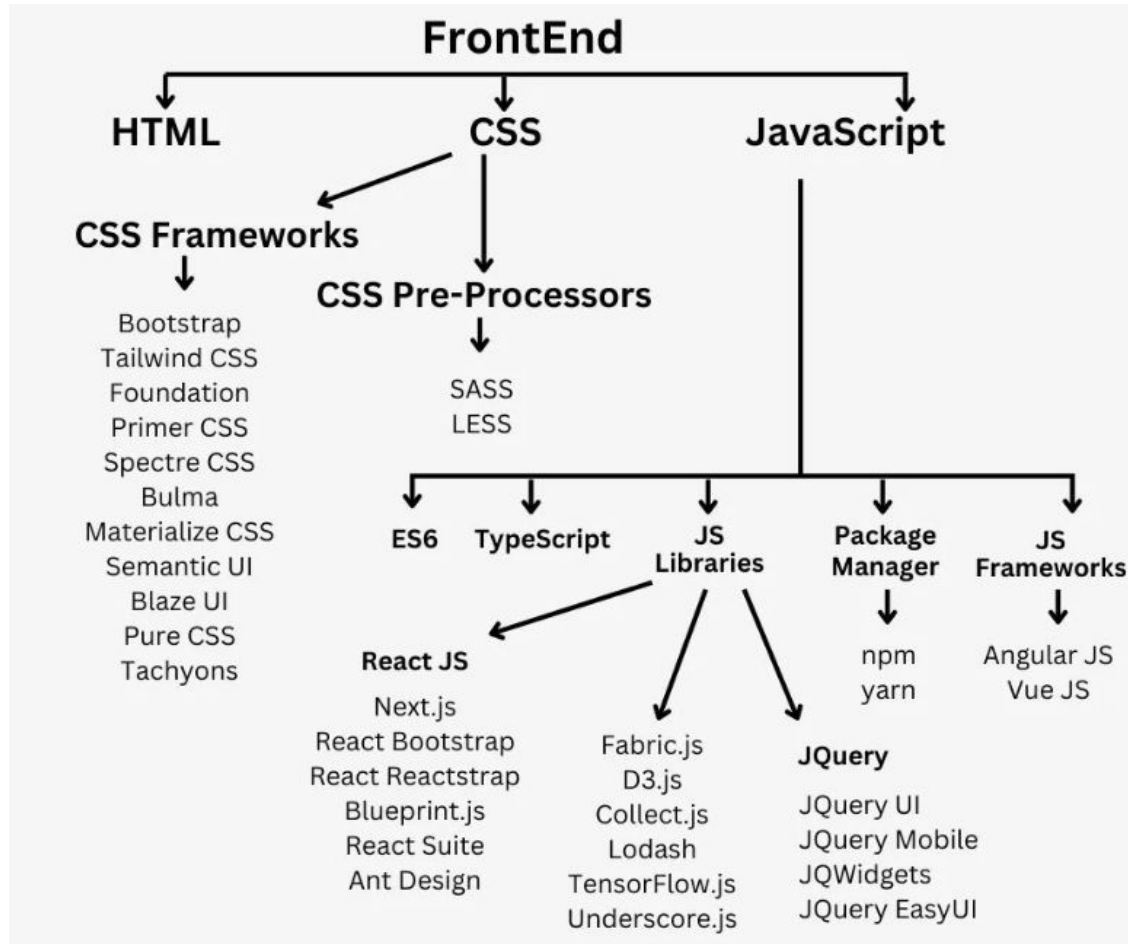
**Front End
Development**

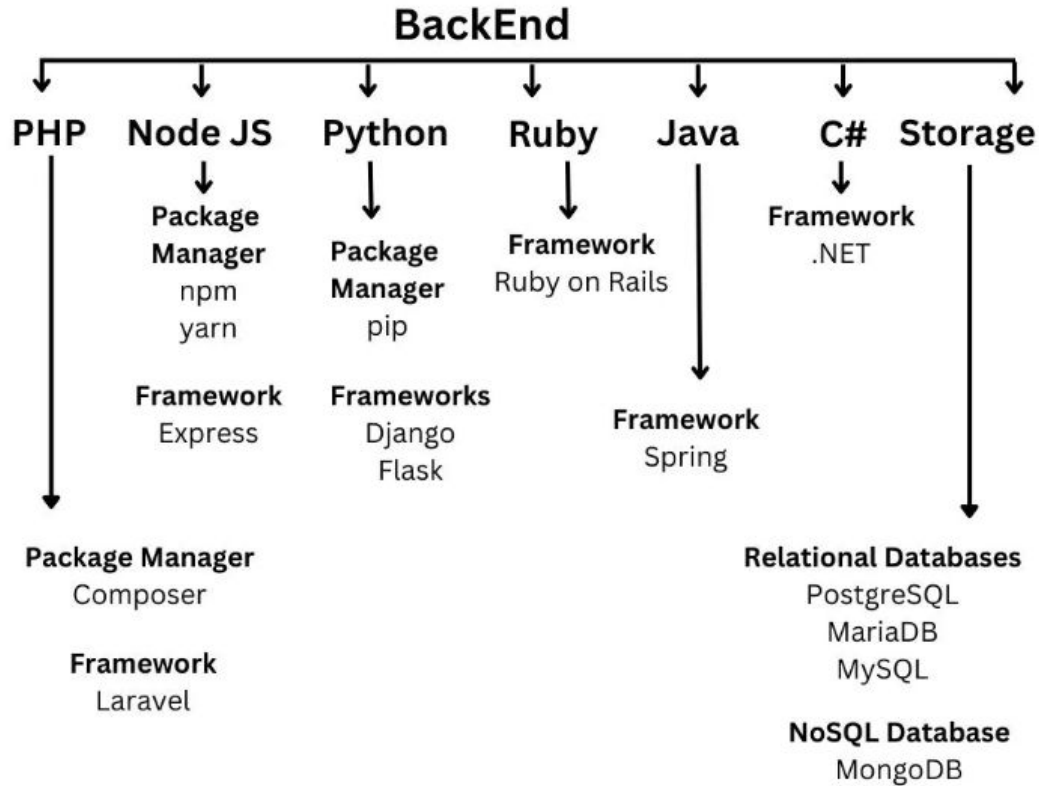


**Back End
Development**



**Full Stack
Development**





Full Stack



Front-End
Development



Back-End
Development



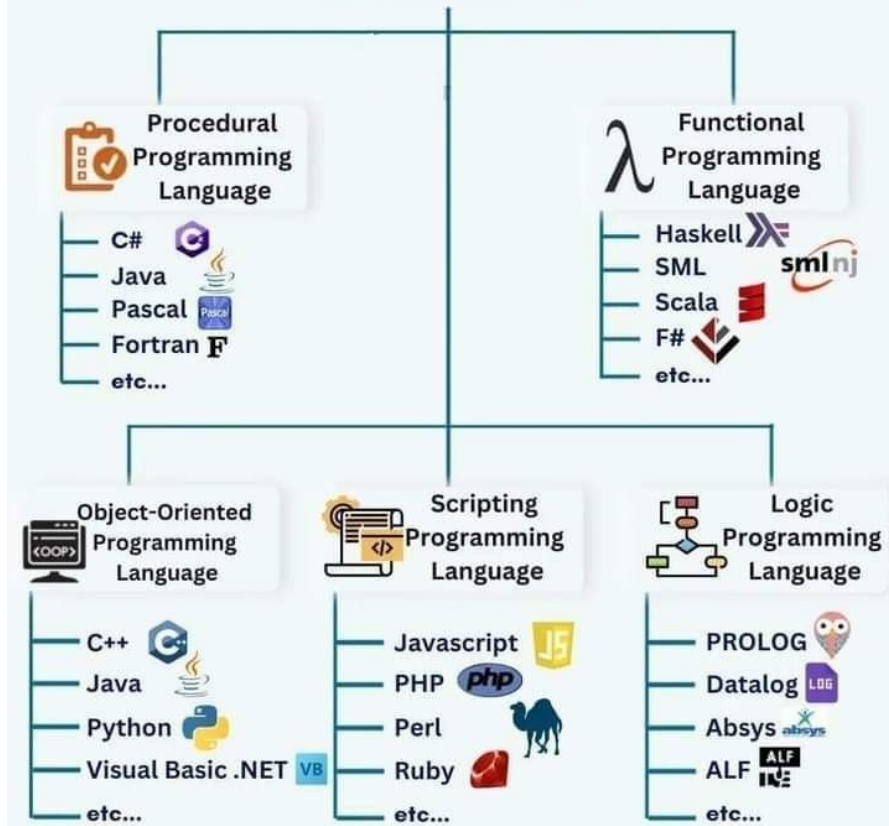
Database

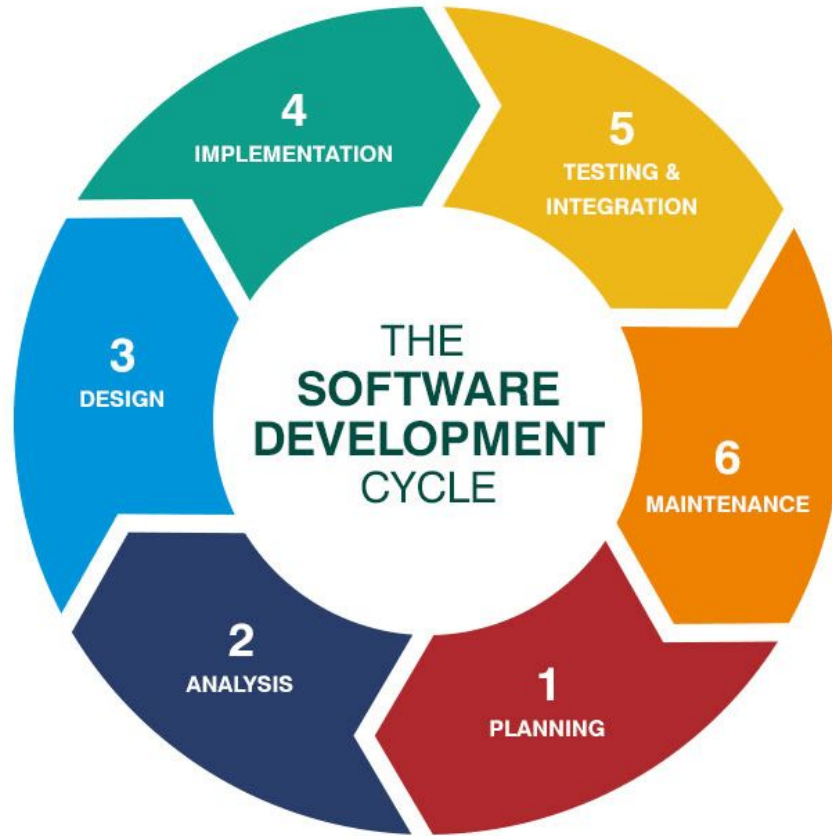


DevOps



TYPES OF PROGRAMMING LANGUAGE





Development Tools

- Programming languages
- Code Editors
- Databases
- Frameworks
- Version Control
- Containers

Project Manager



Programmer



Software Developer



Tester



UX/UI



FrontEnd



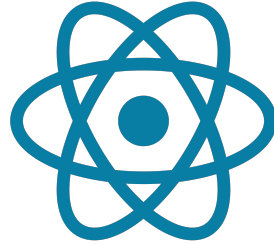
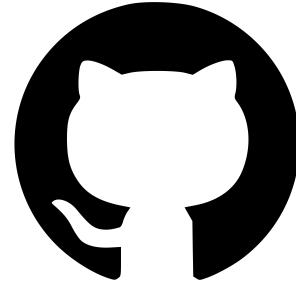
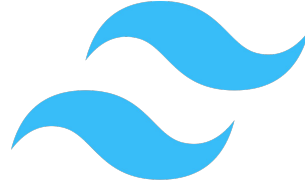
BackEnd



App Developer



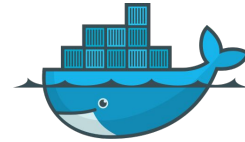
Tech we will learn



express



mongoDB®



docker

References

Videos

- [What is the Internet?](#)

Articles

- [How the Web Works](#)
- [What Is Web Development?](#)
- [App Development Glossary: 64 Essential Terms](#)
- [What is a Programming Language? Definition and Types](#)
- [Web Application Development: Process, Tools, & Examples](#)