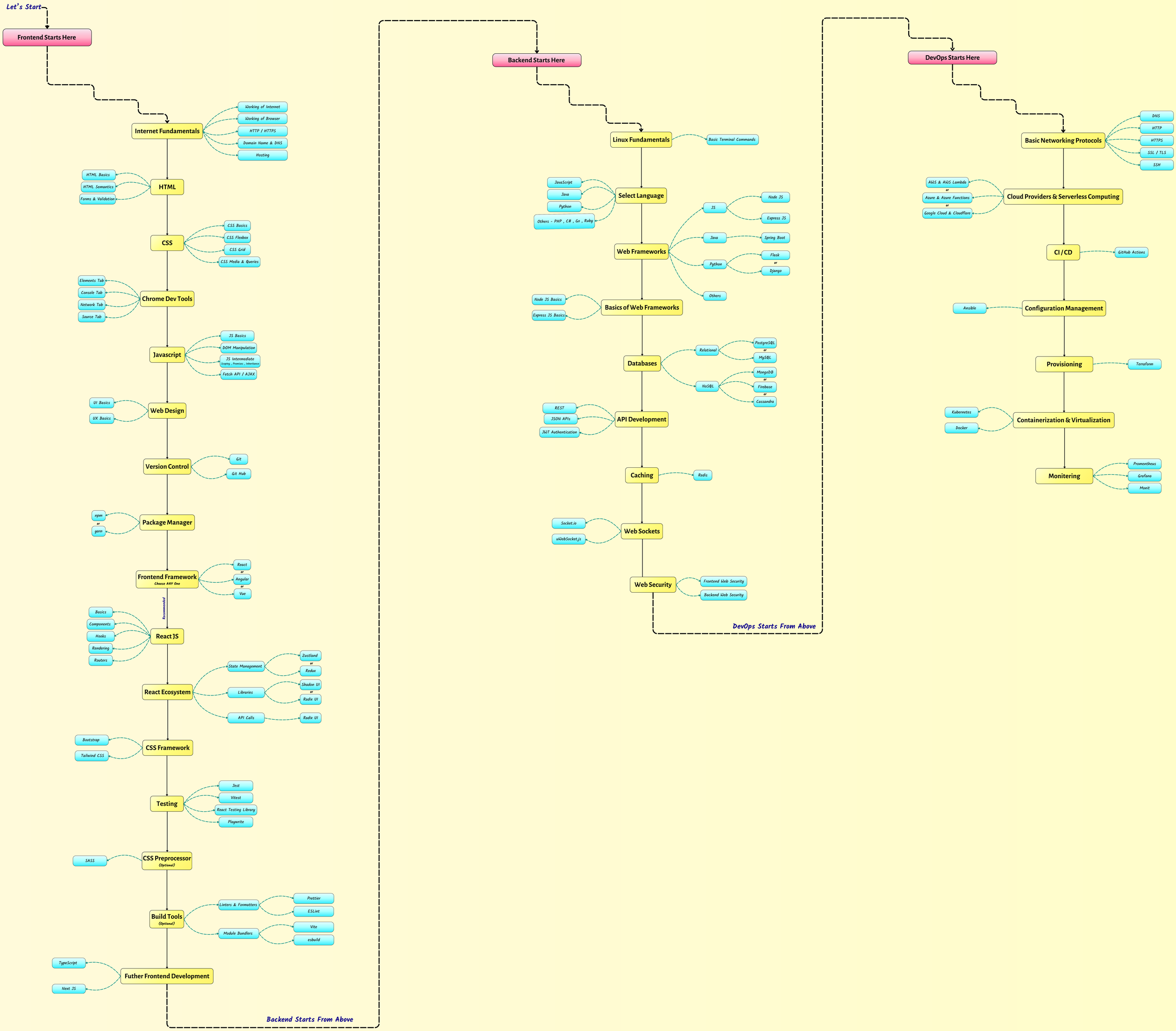
Let's Start
Frontend Starts Here
Internet Fundamentals
Working of Internet
Working of Browser
HTTP / HTTPS
Domain Name & DNS
Hosting
HTML
HTML Basics
HTML Semantics
Forms & Validation
CSS
CSS Basics
CSS Flexbox
CSS Grid
CSS Media & Queries
Chrome Dev Tools
Elements Tab
Console Tab
Network Tab
Source Tab
Javascript
JS Basics
DOM Manipulation
JS Intermediate
Scoping , Promises , Inheritance
Fetch API / AJAX
Web Design
UI Basics
UX Basics
Version Control
Git
Git Hub
Package Manager
npm
or
yarn
Frontend Framework
Choose ANY One
React
or
Angular
or
Vue
Recommended
React JS
Basics
Components
Hooks
Rendering
Routers
React Ecosystem
State Management
Zustland
or
Redux
Libraries
Shadon UI
or
Radix UI
API Calls
Radix UI
CSS Framework
Bootstrap
Tailwind CSS
Testing
Jest
Vitest
React Testing Library
Playwrite
CSS Preprocessor
(Optional)
SASS
Build Tools
(Optional)
Linters & Formatters
Prettier
ESLint
Module Bundlers
Vite
esbuild
Futher Frontend Development
TypeScript
Next JS
Backend Starts From Above
Backend Starts Here
Linux Fundamentals
Basic Terminal Commands
Select Language
JavaScript
Java
Python
Others - PHP , C# , Go , Ruby
Web Frameworks
JS
Node JS
Express JS
Java
Spring Boot
Python
Flask
or
Django
Others
Basics of Web Frameworks
Node JS Basics
Express JS Basics
Databases
Relational
PostgreSQL
or
MySQL
NoSQL
MongoDB
or
Firebase
or
Cassandra
API Development
REST
JSON APIs
JWT Authentication
Caching
Redis
Web Sockets
Socket.io
or
WebSocket.js
Web Security
Frontend Web Security
Backend Web Security
DevOps Starts From Above
DevOps Starts Here
Basic Networking Protocols
DNS
HTTP
HTTPS
SSL / TLS
SSH
Cloud Providers & Serverless Computing
AWS & AWS Lambda
or
Azure & Azure Functions
or
Google Cloud & Cloudflare
CI / CD
GitHub Actions
Configuration Management
Ansible
Provisioning
Terraform
Containerization & Virtualization
Kubernetes
Docker
Monitering
Prometheus
Grafana
Monit