

Pengembangan Aplikasi *Web*

Pertemuan Ke-1 (Konsep Dasar Pengembangan Aplikasi *Web*)

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Sub Pokok Bahasan

- *Server versus Client*
- *Web Dinamis versus Web Statis*
- *Pengembangan Aplikasi Web:*
 - *Stakeholder*
 - *Roadmap: Pengembangan Aplikasi Web*
 - *Roadmap: Front-end Web*
 - *Roadmap: Back-end Web*

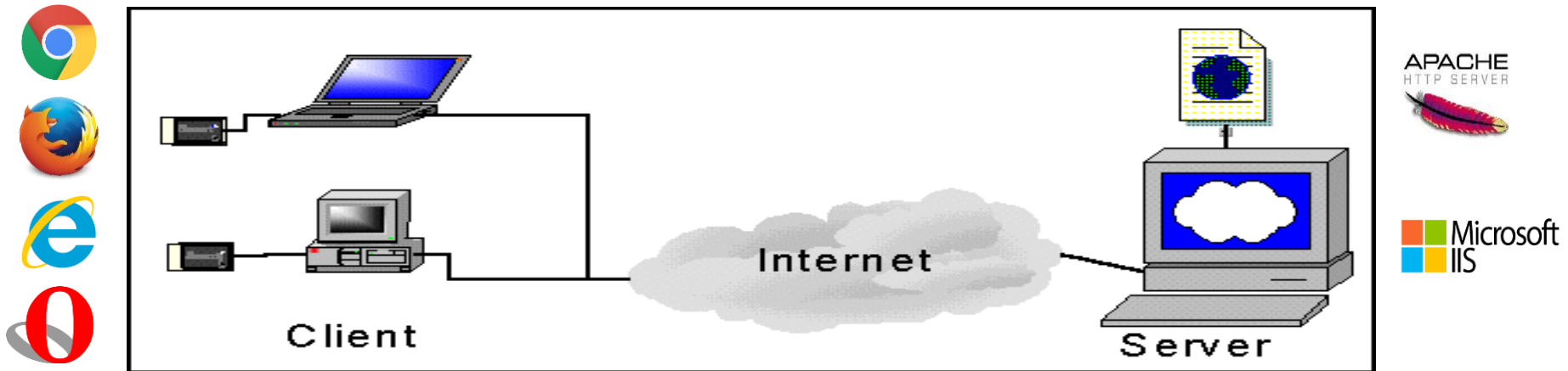
Server versus Client

Client

- Bertugas mengakses informasi yang disediakan oleh *server*
- Pada layanan *web*, *client* dapat berupa *web browser*

Server

- Penyedia berbagai layanan termasuk *web*
- Layanan *web* ditangani oleh *web server*



Web Dinamis Versus Web Statis

Web statis

- Menampilkan informasi yang **sifatnya statis** (tetap)
- Teknologi yang digunakan berbasis *client-side*
- Contoh teknologi yang digunakan : Hyper Text Markup Language (**HTML**), **JavaScript**, Cascading Style Sheets (**CSS**)

Web dinamis

- Menampilkan informasi yang **sifatnya dinamis** dan/atau memproses data yang dikirimkan oleh *user*
- Seringkali memerlukan **akses basisdata**
- Teknologi yang digunakan berbasis *server-side*
- Contoh teknologi yang digunakan: Common Gateway Interface (CGI), Active Server Pages (ASP), Java Server Pages (JSP), ASP.NET, PHP Hypertext Preprocessor (**PHP**)

Pengembangan Aplikasi Web - stakeholder

OPEN RECRUITMENT

WEB DEVELOPER

Web Developer at Thunderlabs Indonesia

Central HRD **info bgs** **lokerbdg**

JOB VACANCY

WE DEVELOPER

PHP . HTML
CSS . CMS
DATABASE

• PHP, HTML, CSS, CMS, Database

• Familiar with HTML, PHP, CSS, JS, SQL

• Having knowledge in noSQL and Laravel

CERIS Information Technology

WEB DEVELOPER

Requirement :

- Pendidikan Terakhir D3 / S1 jurusan terkait
- Memahami: HTML (HTML5), CSS (CSS3), PHP, JavaScript (jQuery) (Wajib)
- Menguasai Framework Codeigniter dan Bootstrap
- Pengalaman minimal 1 tahun, fresh graduate dipersilahkan
- Bersedia ditempatkan di Yogyakarta
- Menguasai Bahasa Inggris (Minimal Pasif)
- Target and Detail Oriented
- Bisa bekerja dalam tim

• Memahami HTML (HTML5), CSS (CSS3), PHP, JavaScript (jQuery) (wajib)

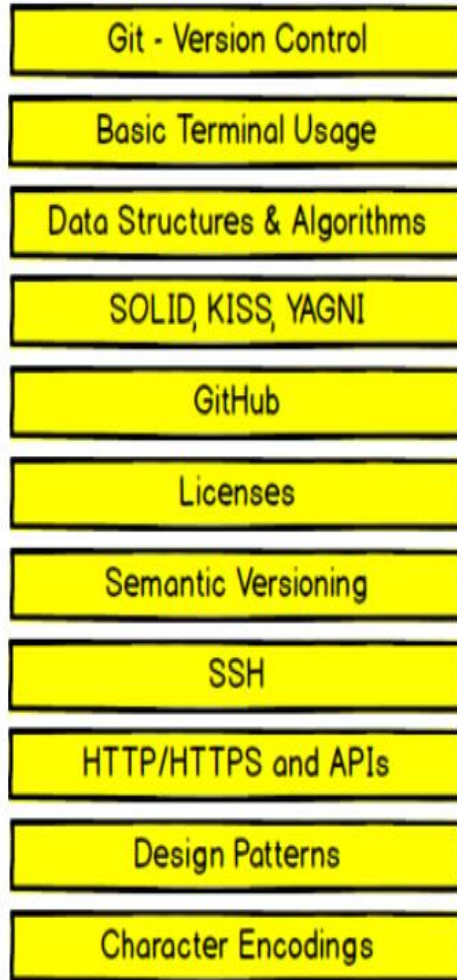
• Menguasai Framework CodeIgniter dan Bootstrap

• Bachelor's in information technology or related fields

- Familiar with HTML, PHP, CSS, JS, SQL
- Having knowledge in NoSQL and Laravel
- Framework will be a plus
- Love challenge
- Eager to learn something new
- Capable to work in team
- Appreciate deadline & well-documentation

Roadmap: Pengembangan Aplikasi Web

Required for any path

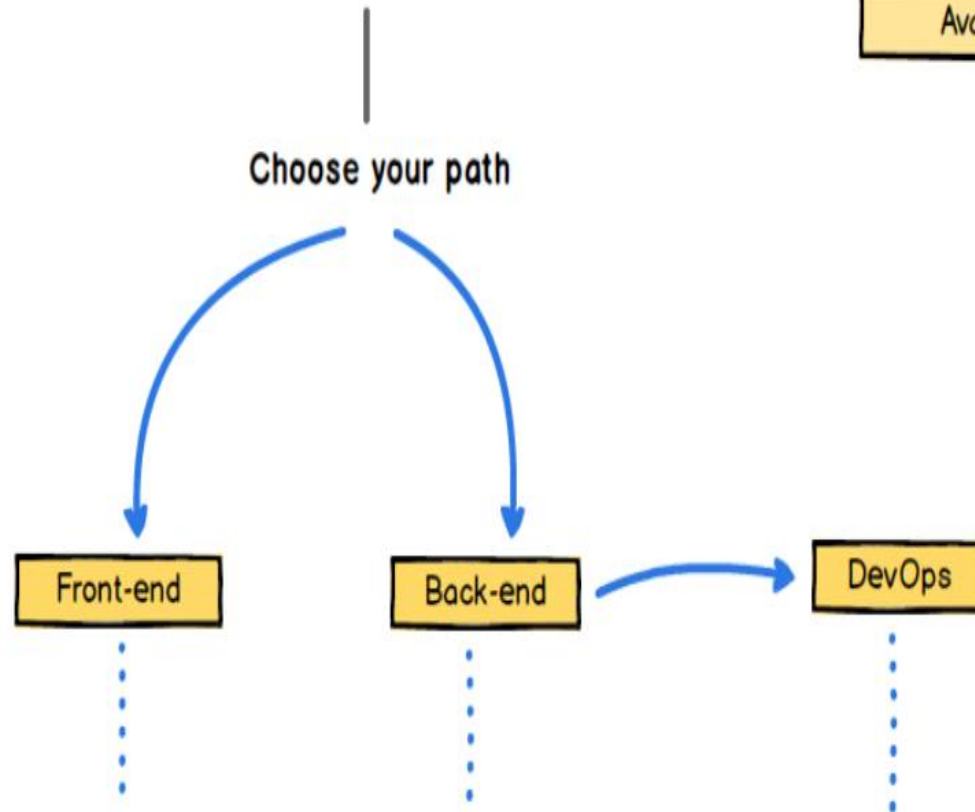


Legends

Personal Recommendation!

Available Options

Web Developer in 2019



Source: <https://github.com/kamranahmedse/developer-roadmap>

Roadmap: Front-end Web

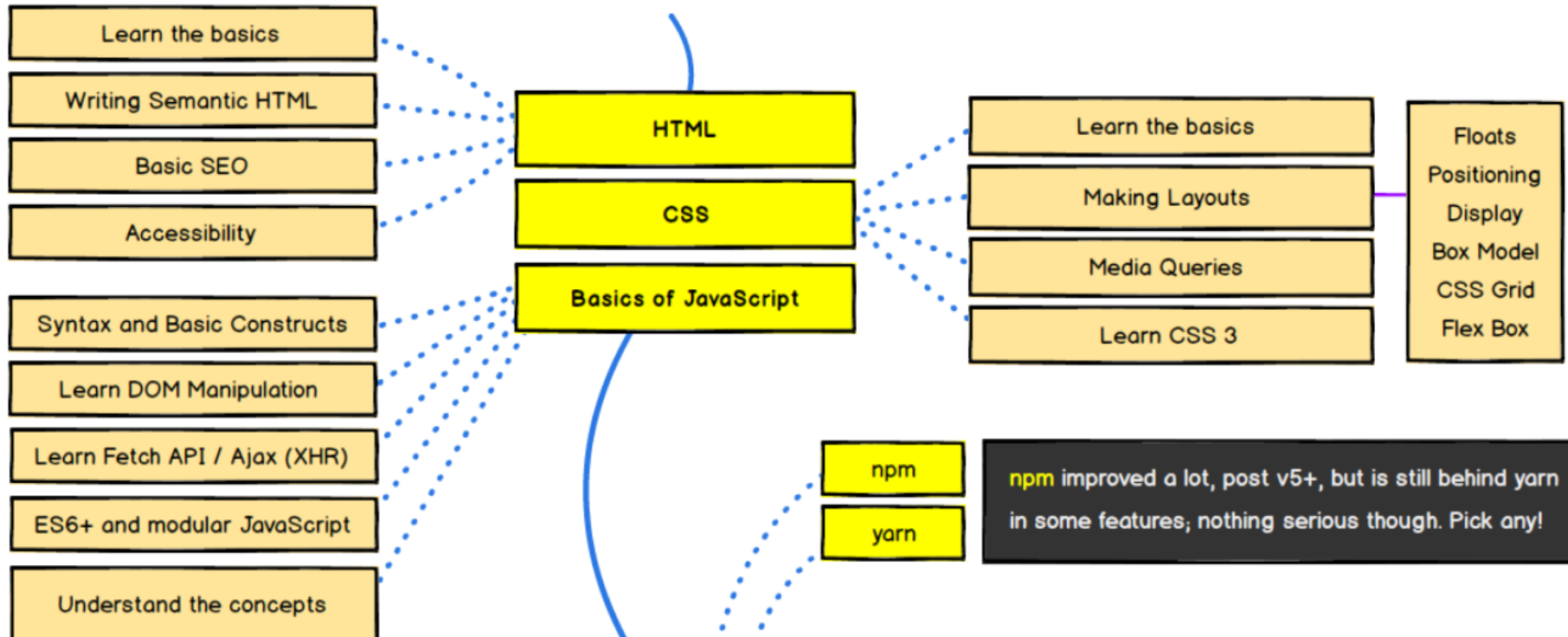
- HTML
- CSS
- JavaScript

Front-end

Find the detailed version of this roadmap along with resources and other roadmaps

<http://roadmap.sh>

Learn the Basics



Source: <https://github.com/kamranahmedse/developer-roadmap>

Roadmap: Back-end Web

Back-end

Find the detailed version of this roadmap along with resources and other roadmaps

<http://roadmap.sh>

1 Pick a Language
There are myriads of different options

Scripting Languages

Functional Languages

Other Options

Python

Ruby

PHP

Node.js

Go

Rust

PHP

TypeScript (Optional)

node.js

2 Practice what you learnt
Exercise and make some command line applications with your picked language

e.g.

some command that you use e.g. `ls`

For the beginners, if you are just getting into backend development, I would recommend you to pick one of the scripting languages. For the quick-and-easy, go with Node.js or PHP. If you have already been doing backend, with some scripting language then don't pick another scripting language and have a look at Go, Rust or Clojure, it will definitely give you a new perspective.

Source: <https://github.com/kamranahmedse/developer-roadmap>

