



WORDCAMP
LISBOA 2023

World of Frontcraft

Caneco

Full-Stack Developer @ Medicare

CAN YOU SEE MY SCREEN?

CAN YOU HEAR MY SCREEN?

Hello WordCamp

Play/ed WoW?

WORLD OF FRONT/CRAFT

Caneco, Full-Stack Developer at Medicare

WordCamp Lisbon '23

<?.pt

//PHP Portugal

Porto (31 may) ; Lisboa (15 june) ; Faro (13 july)

Ad 1 of 2 ⓘ

Skip ads ▶



LARAVEL

20 LIVE 23

LONDON

22-23 JUNE

Ad 2 of 2 ⓘ

Skip ads ▶

CANECO

Full-Stack Developer @ Medicare

[/inspect Caneco](#)

started as **Designer**

discovered Flash



not this Flash

started to design a lot

first website had 2MB

during the **age of Dial-up**

first job as **Web Designer**

got married



did websites in **Flash**

Apple killed **Flash**

Directed by
ROBERT B. WEIDE

discovered **Laravel**

proposed **Laravel**

company adopted Laravel

did websites in **Laravel**

got kid #1

new Job as **Web Developer**

presented **Laravel**

company adopted Laravel

did applications in **Laravel**

got kid #2

new Job as **Full-Stack Developer**

presented **Laravel**

company... **wait for it...**

started to create logos

did **Hacktoberfest** for logos

created more than 30 logos

first time **Laracon** Speaker

conducted **Laracon Online**

more logos...

logos for official **Laravel** packages

company adopted **Laravel**

got kid #3

the factory is closed

hosted **Laracon EU**

organised **Laracon EU**

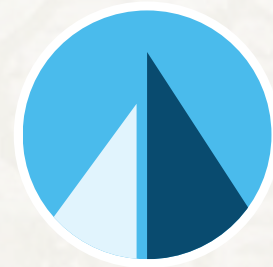
created even more logos



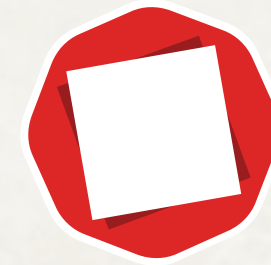
Laravel Breeze



Laravel Pint



Laravel Sail



Laravel Octane



Blade UIkit

PEST



FAKERPHP



spatie/activitylog



spatie/laravel-permission



spatie/laravel-backup



spatie/browsershot



spatie/once

definitely lost the count

Laracon India Speaker

WordCamp Lisbon Speaker





Account Name

caneco@wordpress.org

Account Password

Login



That name is unavailable

Okay

Name

Orcaolic



Name

Asmoncode

WORLD OF FRONTCRAFT





Developer





Backend Developer





Frontend is easy





First things First

It's dangerous to go alone! Use this



Chrome



Firefox



Edge



Brave



- Free
- Fast
- Best Offline game



VSCode



SublimeText



Atom



Vim



- It's FREE
- Easy to use
- Amazing Plugins



The Internet





XP: 250
Asmoncode





The Three Beasts

Thy must learn the 3 basic languages



HTML



CSS



JavaScript



HTML is what defines
the structure of a
webpage.



```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <title>World of Frontcraft</title>
</head>

<body>
  <p>Welcome</p>
  ...
</body>
```




- Basic Tags
- Forms and Validation
- Semantic HTML



- Basic Tags
- Forms and Validation
- Semantic HTML
- SEO Basics
- Accessibility



CSS is what paints
and animate your
HTML content



```
html {  
  margin: 0;  
  padding: 0;  
}  
  
body {  
  background: red;  
  color: #000000;  
}
```




- **Selectors**
class names, ids, tag names
- **Positions**
relative, absolute, fixed, sticky
- **Box model**
padding, margin, border
- **Specificity**



- Pseudo Classes
- Pseudo Selectors
- Flexbox
- CSS Grid



- CSS Architecture
BEM, OOCSS, SMACSS
- Transitions
- Animations
- Responsive Design

A bright yellow square containing the letters 'JS' in a bold, dark grey, sans-serif font.

JS

JavaScript it's the
engine of your page

A yellow square containing the letters 'JS' in a bold, dark grey, sans-serif font.

JS

```
var battle_cry = 'For the Horde!'
```

```
alert(battle_cry)
```

```
console.info(battle_cry)
```




JS

```
var battle_cry = 'For the Horde!'
```

```
typeof battle_cry
```

```
// string
```

```
battle_cry instanceof String
```

```
// false
```





- DOM manipulation
- Create, Select, Append
- String & Array methods
- Event listeners



- Prototype
- Closures
- Hoisting
- Event Bubbling



- JSON
- Ajax (XHR)
- Fetch API
- CORS



XP: 5300
Asmon, coach
<HordeJS>





Frame Work

Time to work on with some frames



TailwindCSS



Bootstrap



Bulma



The #1 utility-first
CSS framework



```
<p class="font-bold uppercase">...
```

```
<span class="my-4 text-red-500">...
```

```
<ul class="list-disc">...
```




- Design System
- No naming
- No magic numbers
- Reusability



Vue



React



Svelte



Angular



Vue



React



Svelte



Angular



Qwik

updated daily!

NaN

dayssincelastjavascriptframework.com



The Progressive JavaScript Framework





- ES6+ features
- Import / Export
- Shorthands
- Destructuring
- Promises



The Progressive JavaScript Framework



```
<p v-if="condition">...
```

```
<span>{{ value }}</span>
```

```
<ul :class="{ 'hidden': false }">...
```

```
<button @click="trigger"> ...
```




- Lightweight
- Readability
- Low entry barrier
- Progressive as needed
- **Robust toolset**



VueRouter



Vuex



XP: 19700
Asmoincode
<WhatTheVue>





Moving Node

No more links. Only builds are wielded

// USE DIRECTLY VIA CDN

```
<script src="//cdn.tailwindcss.com"></script>
```

```
<script src="//unpkg.com/vue@3/dist/vue.global.js"></script>
```




npm



yarn



bit



The #1 package
manager in the globe



- Install packages
- Resolve dependencies
- Run scripts



- Install packages
- Resolve dependencies
- Run scripts
- **Fill your hard disks**



PostCSS



Sass



Less



Terraforming CSS with JavaScript



- Autoprefixer

`:-webkit-full-screen { ...`

- CSS Linter

avoid CSS errors with *stylelint*

- Plugins

PreCSS, CSSNano, PostCSS Import, ...



Vite



Webpack



Rollup



The fastest *next-gen*
Frontend tooling



- Instant server start
- Optimized Build
- Lightning Fast HMR
Hot Module Replacement

.js
.js
.js
.ts

.js
.css
.js

.png
.jpg

>
_

.js
.jpg

.css
.png



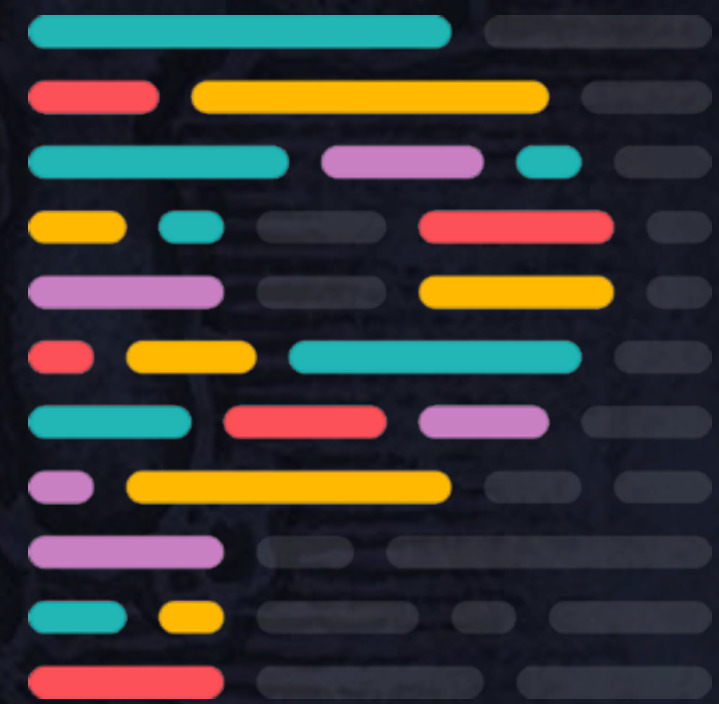
XP: 38700
Asm code
<ViteViteViteVite>





Opinion of a Lint

Tidy up all everything that your guild owns



Prettier



ESLint



JSLint



An opinionated
code formatter for all
your codebase



- IDE integrations
- Save and format
- Base styled format



Testing One Two

Do you the required coverage to take this?



Chrome DevTools



Firefox DevTools



The Developer toolkit
to inspect the web



- Inspect your page
- Debug JavaScript
- Debug XHR requests
- Simulate devices



Jest



Cypress



Mocha



Delightful JavaScript Testing



- Lightning fast
- Awesome mocks
- Snapshot testing
- `--coverage` support



Version is King

Control the change of your assets



Git



Git



Git



The version control
system to track your
code modifications



- It's the best



GitHub



GitLab



Bitbucket



The #1 hosting service
for your private and
team repositories



- GitHub Actions
- Codespaces
- Copilot
- **Dark mode**



Side Effects

Code will gain some weight



Lighthouse



PageSpeed



The go-to solution to audit
performance accessibility
PWA, and more...



- It's FREE
- Analyse your page SEO
- Checks your page vitals



- First Contentful Paint
- First Input Delay
- Largest Contentful Paint
- Time to First Byte



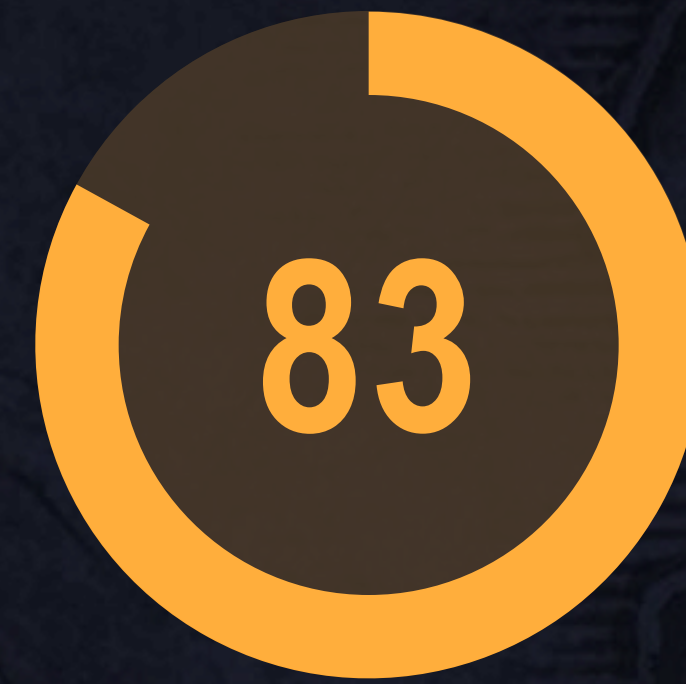
Performance



Accessibility



Best
Practices



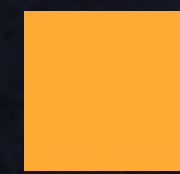
SEO



PWA



0 – 49



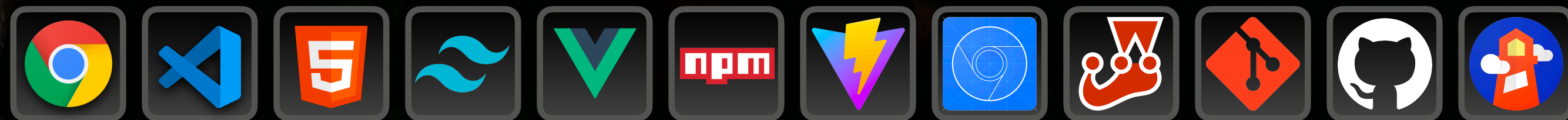
50 – 89



90 – 100



XP: 128200
Asmoncoo
<Speedgund>



Want more?



NEXT

Next.js



Nuxt.js



Gridsome



Vercel



Netlify



GitHub Pages



React Native



NativeScript



Ionic

WA

Web Assembly



The logo consists of a purple square with a white semi-circular notch at the top center. Inside the square, the letters 'WA' are written in a bold, white, sans-serif font.

WA

- High-performance
- Language Interpretator
- Security
- Portability

Let's recap...



Chrome



VSCode



Internet



HTML



HTML



CSS



HTML



CSS



JavaScript



HTML



TailwindCSS



JavaScript



HTML



TailwindCSS



JavaScript ES6

Don't Leeroy



HTML



TailwindCSS



Vue



npm



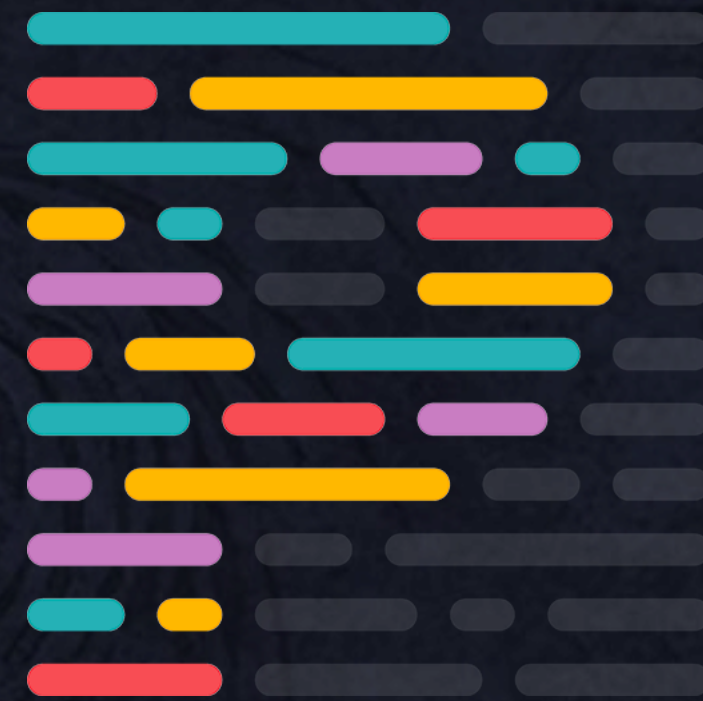
npm



PostCSS



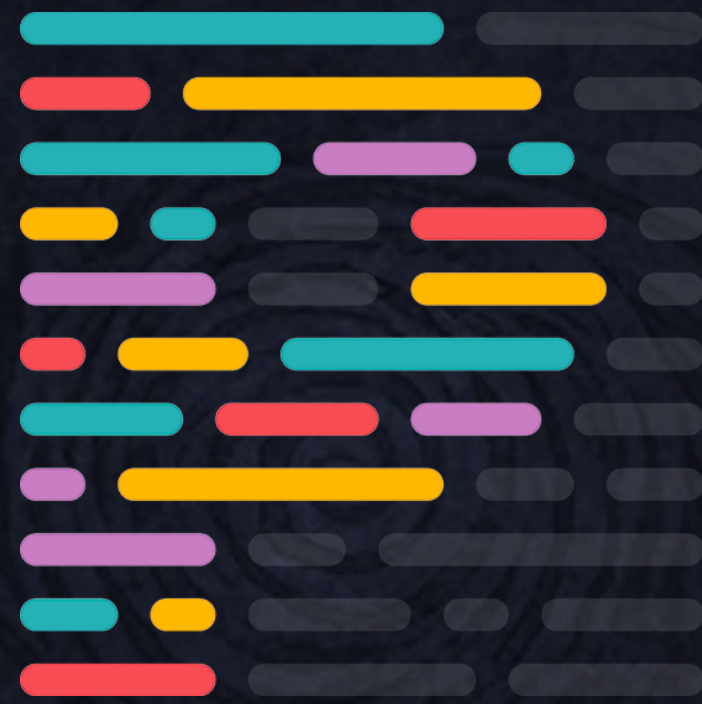
npm



Prettier



npm



Prettier



Jest



npm



Prettier



Jest



Vite



Lighthouse



PageSpeed



Git



GitHub



GitHub



Vercel

Future Ahead

After all of this... what's next?

The logo is set against a dark, textured background with faint, repeating patterns. It features a central globe with a map of Europe, surrounded by a golden, torn-paper-like border. The text 'WORLD OF FRONTCRAFT' is rendered in a golden, serif font, with 'WORLD' and 'FRONTCRAFT' being significantly larger than 'OF'. Below this, the words 'THE BACKEND CRUSADE' are written in a smaller, black, gothic-style font on a green, glowing banner.

WORLD OF FRONTCRAFT

THE BACKEND CRUSADE

Obrigado!
Alguma
questão?

Caneco

Full-Stack Developer
at Medicare

twitter.com/caneco

