

Lecture 1



Web Development with

PHP & JavaScript




Lecture 1

About me



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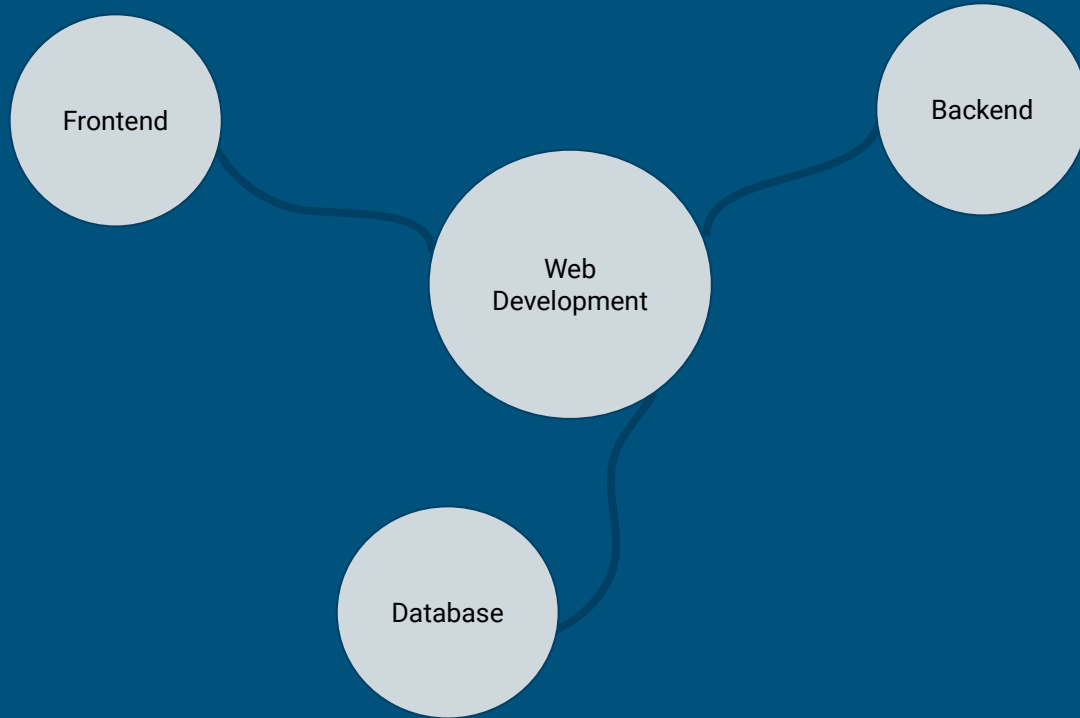
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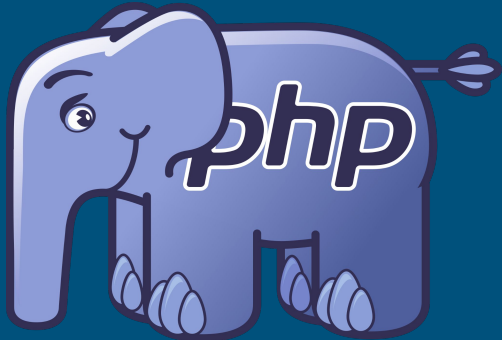
Objectives

- Introduction on Web development?
- What languages will we learn about in this course?
- What's our goal?
- What we will achieve after finishing this course?
- Job market
- What the next step?
- Class routine & time
- Let's start with PHP
- PHP Programming paradigm
- Why and How PHP was Created
- PHP: Programming Language or Server-Side Language
- Prepare your machine to start
- How to run PHP code
- What is function in programming?
- Intro to some basic PHP syntaxes
- I/O methods

Introduction to web development



What languages will we learn about in this course?



JS

What we will achieve after finishing this course?



What we will achieve after finishing this course?

- Strong foundation on
 - ◆ PHP
 - ◆ Object Oriented Programming
 - ◆ JavaScript
- Able to feature extraction from the general requirements.
- Able to design database for the any requirements.
- Able to think independently
- Able to develop any project by using PHP.

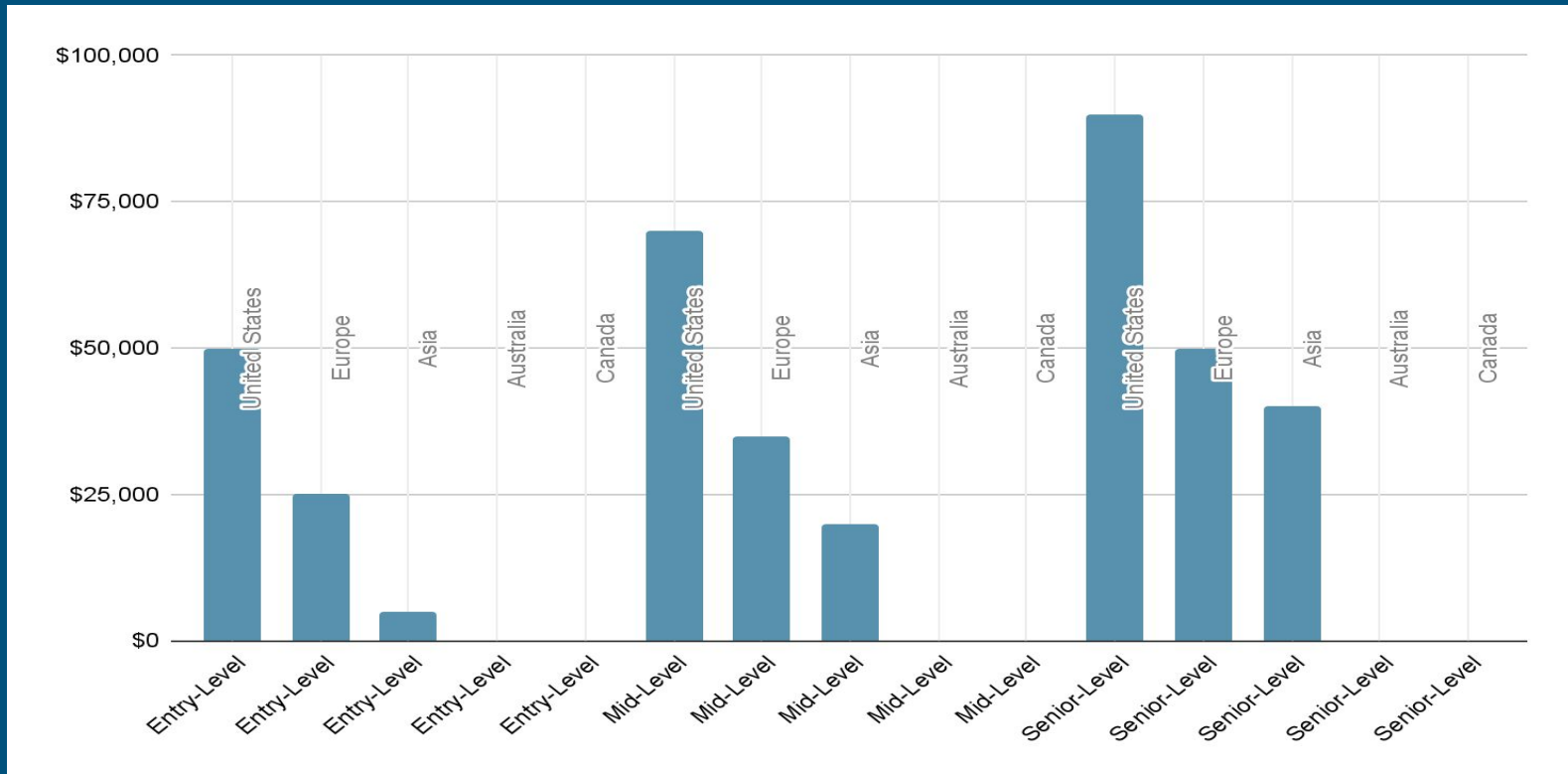
What's our goal?



Job market



Job market



What the next step?



Let's Start with PHP



PHP Programming paradigm

- Procedural Oriented Programming
- Object Oriented Programming

PHP Programming paradigm

```

<?php
// Procedural approach

function calculateRectangleArea($length, $width) {
    return $length * $width;
}

$length = 10;
$width = 5;

$area = calculateRectangleArea($length, $width);

echo "Area of the rectangle (Procedural): $area";
?>
```

```

<?php
// Object-Oriented approach

class Rectangle {
    private $length;
    private $width;

    public function __construct($length, $width) {
        $this->length = $length;
        $this->width = $width;
    }

    public function calculateArea() {
        return $this->length * $this->width;
    }
}

$length = 10;
$width = 5;

$rectangle = new Rectangle($length, $width);
$area = $rectangle->calculateArea();

echo "Area of the rectangle (Object-Oriented): $area";
?>
```

Why and How PHP was Created

- PHP was created by Rasmus Lerdorf in 1994.
- Written by C programming.
- Track the visitor to his online resume.

PHP: Programming Language or Server-Side Language

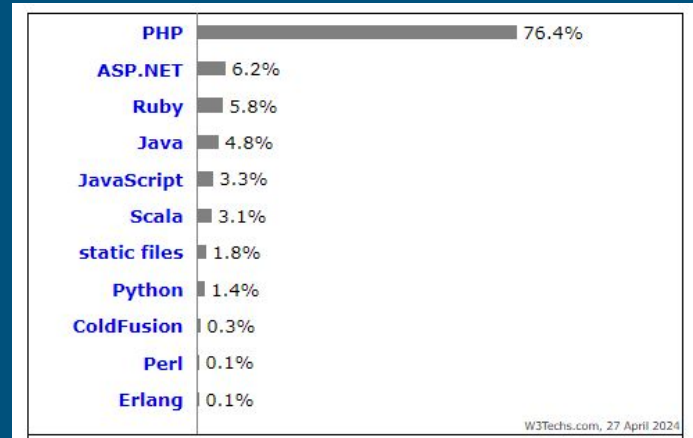


PHP: Programming Language or Server-Side Language

PHP is a programming language that is commonly used as a server-side scripting language for web development. Its versatility and ease of use make it a popular choice for building dynamic websites and web applications.

PHP: Present

- According to the W3techs, 76.4% of all the websites that use PHP.



Let's Jump to the field

